

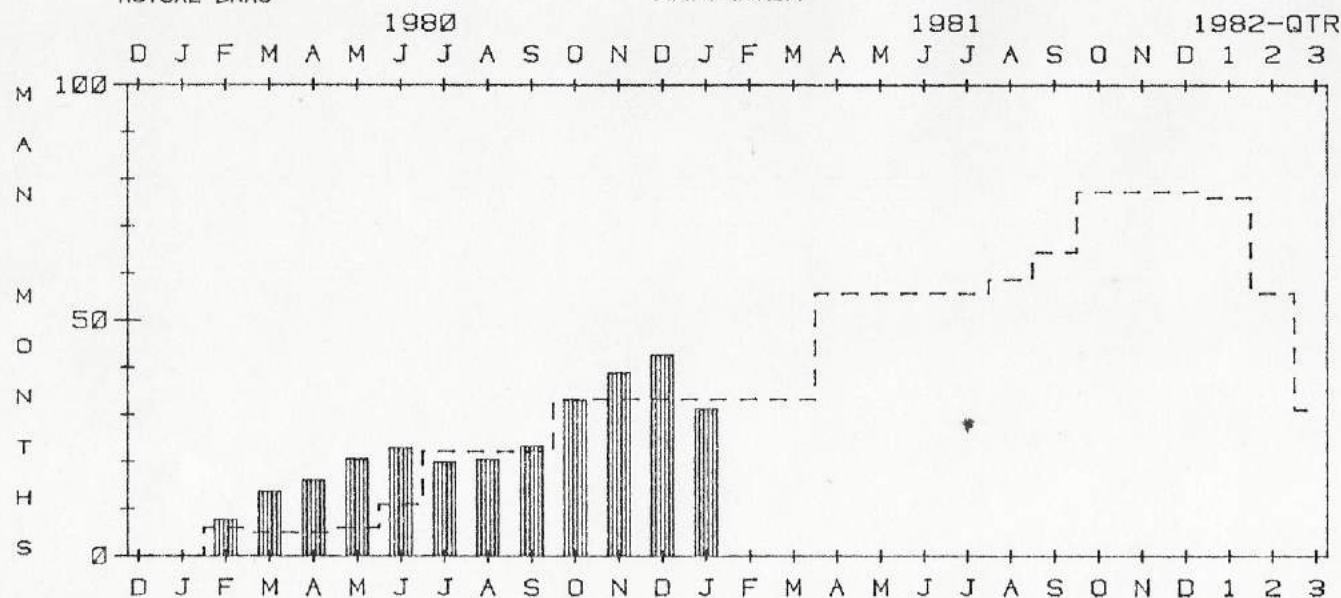
IMAGINATION PAVILION

WED, MAPO and STUDIO-SUMMARY

PROJECT MGR: ROGER DAY
BUS ADMIN: MARK PRESCOTT
REPORT DATE: FEBRUARY 20, 1981

PLAN=DASHED
ACTUAL=BAR

MANPOWER



STATUS

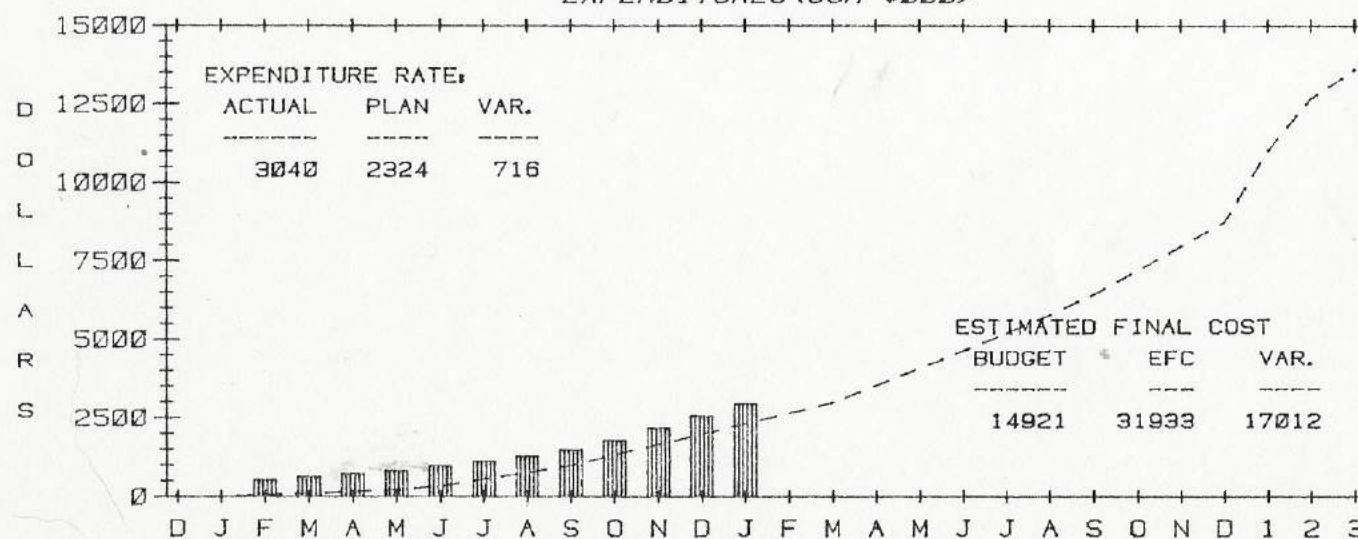
SITUATION:
Facility bid package released to Florida on 1/30/81. Award of contract is expected by 4/2/81. Show and ride elements in design with some production starting.

DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
31.2	33.3	(2.1)

EXPENDITURES (CUM-\$000)



RECOMMENDATION:
Management continue to review resource constraints which have pushed pavilion's opening date beyond 10/82.

JOURNEY INTO IMAGINATION

STATUS CONTINUATION

Project Mgr. Roger Day
Bus. Admin. Mark Prescott
Scheduler Janis Spice
Coordinator David Todd
Report Date February 20, 1981

A. FACILITY

- * 1. Final nomenclature was approved. Pavilion name is "JOURNEY INTO IMAGINATION."
2. The original WED Project Manual release to Florida occurred on January 30, 1981. This was 3 weeks later than scheduled due to Kodak's request to remove the observation deck. Award of Contract/Notice To Proceed is expected by April 2, 1981.

B. SHOW

- * 1. A revised scene-by scene buy-off schedule was distributed, indicating a February 11, 1981 Management Approval of the following show model segments:

--Scene 7 - "Performing Arts"
--Scene 8 - "Science and Technology"
--Scene 1 - "Load Area"
--Scene 2 - "Pre-Show"
--Entrance Lobby (to second level)
--Final Floor Plan: IMAGEWORKS
--Park
--Gateways (Transition Areas)
--Miscellaneous Sponsor Recommendations

These revisions were necessary due to Kodak's review comments in November and the transfer of effort to higher priority shows. Approval on February 11, 1981 is critical to the release of a bulletin to the Facility containing all show information. Kodak will be at WED on February 12, 1981 to review Show Scene changes, "Gateway" development and other Pavilion elements.

2. Show Plastics Manufacturing began on January 5, 1981, with the production of "Figment".
3. The first production meeting was held on January 14, 1981. The proposed show installation strategy was presented in order to define production priorities. Show Set Production Drawings will be released segmentally with the final release by June 1, 1981.

JOURNEY INTO IMAGINATION

STATUS CONTINUATION

Project Mgr. Roger Day
Bus. Admin. Mark Prescott
Scheduler Janis Spice
Coordinator David Todd
Report Date February 20, 1981

C. RIDE

1. Chassis and Rotational Mechanism drawings, scheduled for release in February with final releases expected by March 27, 1981. Delay in the release of these drawings has impacted the manufacturing of the prototype chassis (scheduled to begin December 1, 1980.) Prototype chassis testing will not begin as scheduled on March 6, 1981, but is now anticipated in July. The impact is shorter duration for testing.
2. Test track manufacturing, scheduled for completion December 16, 1980, is expected to complete by February 6, 1981. Track will subsequently be sent to Florida to support chassis testing for Spaceship Earth and Imagination.
3. A meeting to review the ride system took place on January 13, 1981. The abundant use of fog machines was identified as a potential moisture problem for mechanical equipment.
4. Vehicle prototype development has started.
- * 5. The turntable design package will be released by mid-February to fabrication/installation bidders.

D. FILM

1. 3-D Camera testing by Murray Lerner (outside vendor) began at the Studio on January 5, 1981.
2. Filming for the 3-D Movie is scheduled to begin on February 23, 1981.
- * 3. Kodak will view the 3-D Projector Steadiness Test during their visit February 12, 1981.

JOURNEY INTO IMAGINATION

STATUS CONTINUATION

Project Mgr. Roger Day
 Bus. Admin. Mark Prescott
 Scheduler Janis Spice
 Coordinator David Todd
 Report Date February 20, 1981

VARIANCE RECAP

TOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980)

\$ 0

VARIANCE CHANGES DURING CURRENT PERIOD:

FACILITY:

Overall ①

\$(4,831)

SHOW:

Overall ①

16,200

RIDE:

Overall ①

1,800

TOTAL VARIANCE THIS PERIOD (JANUARY 24, 1981)

\$13,169

TOTAL VARIANCE IMAGINATION PAVILION

\$13,169

VARIANCE EXPLANATION:

① Difference between updated Estimated Final Cost (February 17, 1981) and Budget Allowance.

PROJECT MGR: ROGER DAY
 BUS ADMIN : MARK PRESCOTT
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: IMAGINATION

STATUS CONTINUATION

	COST TO DATE	COMMITTED TO DATE	ESTIMATED FINAL COST	BUDGET	VARIANCE
FACILITY	\$893,378	\$1,251,169	\$19,900,000	\$24,731,300	-\$4,831,300
SHOW	\$1,874,792	\$1,932,982	\$25,600,000	\$9,400,000	\$16,200,000
RIDE	\$252,915	\$912,746	\$5,900,000	\$4,100,000	\$1,800,000
TOTAL	\$3,041,085	\$4,096,897	\$51,400,000	\$38,231,300	\$13,168,700

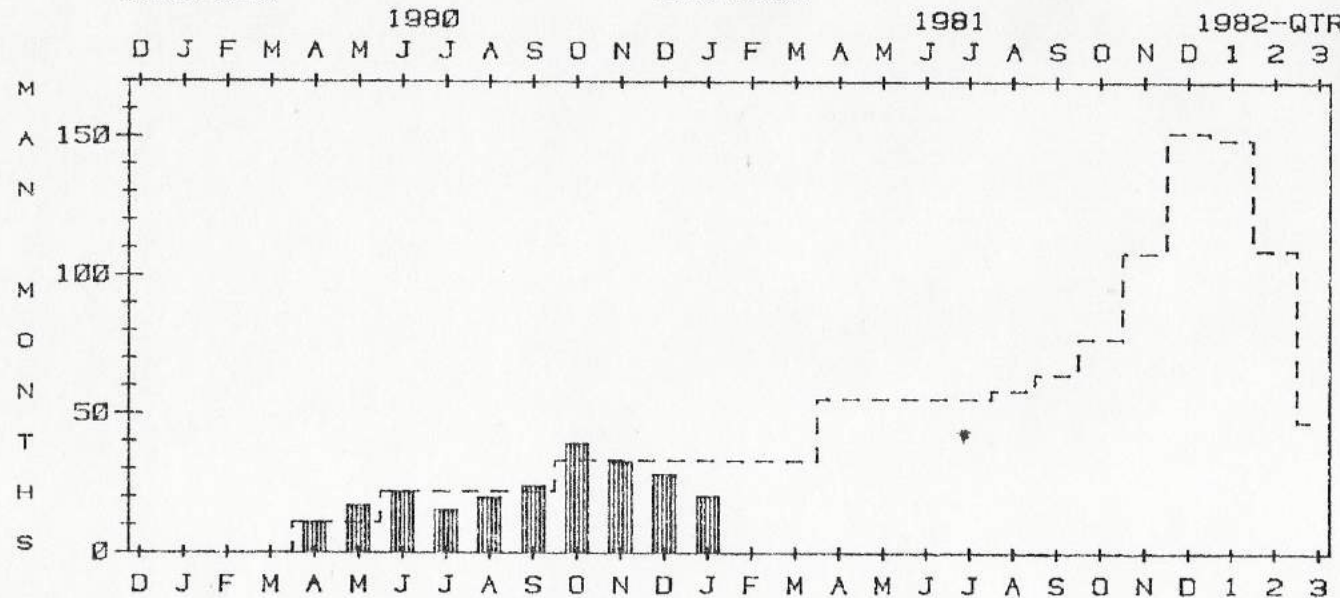
FUTUREPROBE PAVILION

WED, MAPO and STUDIO-SUMMARY

PROJECT MGR: JIM NAGY
BUS ADMIN: MARK PRESCOTT
REPORT DATE: FEBRUARY 20, 1981

PLAN=DASHED
ACTUAL=BARS

MANPOWER



STATUS

SITUATION:

Facility bid package expected to be released to Florida on 3/5/81. Show and ride elements in design with some production starting.

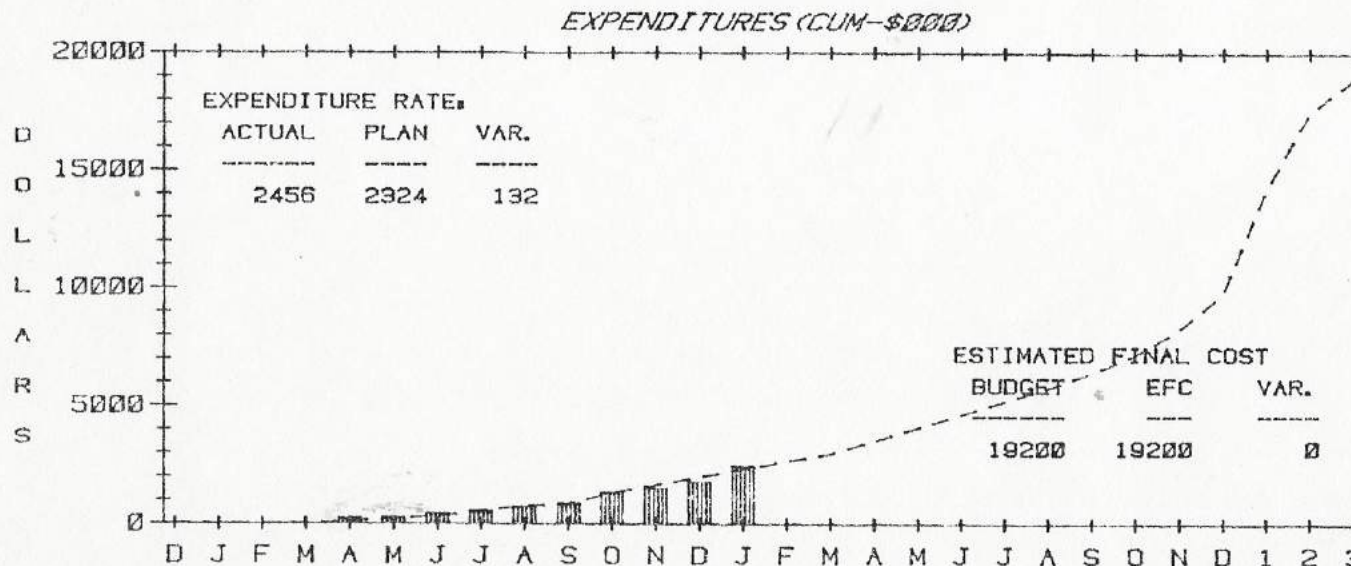
DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
20.6	33.3	(12.7)

MANAGEMENT ACTION ITEM:

Current estimated final cost remains at \$50.85 million.



RECOMMENDATION:

Management continues to review resource constraints which have pushed pavilion's opening date beyond 10/82. Continue cycling design through estimating and feedback to management.

FutureProbe
STATUS CONTINUATION

Project Mgr. Jim Nagy
Bus. Admin. Mark Prescott
Scheduler Ev Peregra
Coordinator Valerie Todd
Report Date February 20, 1981

FACILITY

1. 100% completed design drawings were received by W.E.D. on January 23, 1981.
2. The entry/exit area will be revised in order to accommodate required clearances for the load/unload belt.
- * 3. The Project Manual will be released on February 15, 1981 for final review in anticipation of the original release of the facility to Florida on March 5, 1981.
4. Final color selection for the V.I.P. Lounge was approved by Jim Rebeta of G.E. on January 15, 1981. A presentation of the total interior design package to G.E. executives is anticipated for April 8, 1981.

SHOW

1. A meeting was held on January 27, 1981, with G.E. representatives to review show development. G.E. will return on March 30, 1981, to discuss the film content in the Omi-Max Theatre, the title song, and the name of the Pavilion.
- * 2. Preliminary base sheets were completed for the Undersea scene. Plans and elevations were completed for the Desert Farm, Desert Habitat, and Floating City scenes.
3. The Preliminary Special Effects and Projector List was released on January 28, 1981.
4. A Preliminary Animation List will be released week ending February 27, 1981.
- * 5. The Preliminary Figure Spec. list is 50% complete. Anticipated release of the completed list is in March.

-continued-

FutureProbe
STATUS CONTINUATION

Project Mgr.	Jim Nagy
Bus. Admin.	Mark Prescott
Scheduler	Ev Peregra
Coordinator	Valerie Todd
Report Date	February 20, 1981

RIDE

- * 1. The Finite Element and Fatigue Analysis of the track indicate that a six inch diameter extra strong pipe will be used throughout the facility track.
- * 2. The construction of an oval test track, 56 feet in length, located near the Airways Building is under consideration, to test and fine tune the bogie and vehicle drive system components.
- 3. The vehicle drive system will consist of two A.C. motors per vehicle and an A.C. bus.
- 4. A wooden vehicle mock-up will be constructed incorporating the latest design revisions.
- 5. Design details for the vehicle frame and body are being developed.

PROJECT MGR: Jim Naqy
 BUS ADMIN : MARK PRESCOTT
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: FUTUREPROBE

STATUS CONTINUATION

	<u>COST TO DATE</u>	<u>COMMITTED TO DATE</u>	<u>ESTIMATED * FINAL COST</u>	<u>BUDGET</u>	<u>VARIANCE</u>
FACILITY	\$1,043,272	\$1,038,224	\$17,800,000	\$17,800,000	\$0
SHOW	\$1,180,584	\$1,462,412	\$12,700,000	\$12,700,000	\$0
RIDE	\$236,231	\$946,347	\$4,800,000	\$4,800,000	\$0
TOTAL	\$2,460,087 =====	\$3,346,983 =====	\$35,300,000 =====	\$35,300,000 =====	\$0 =====

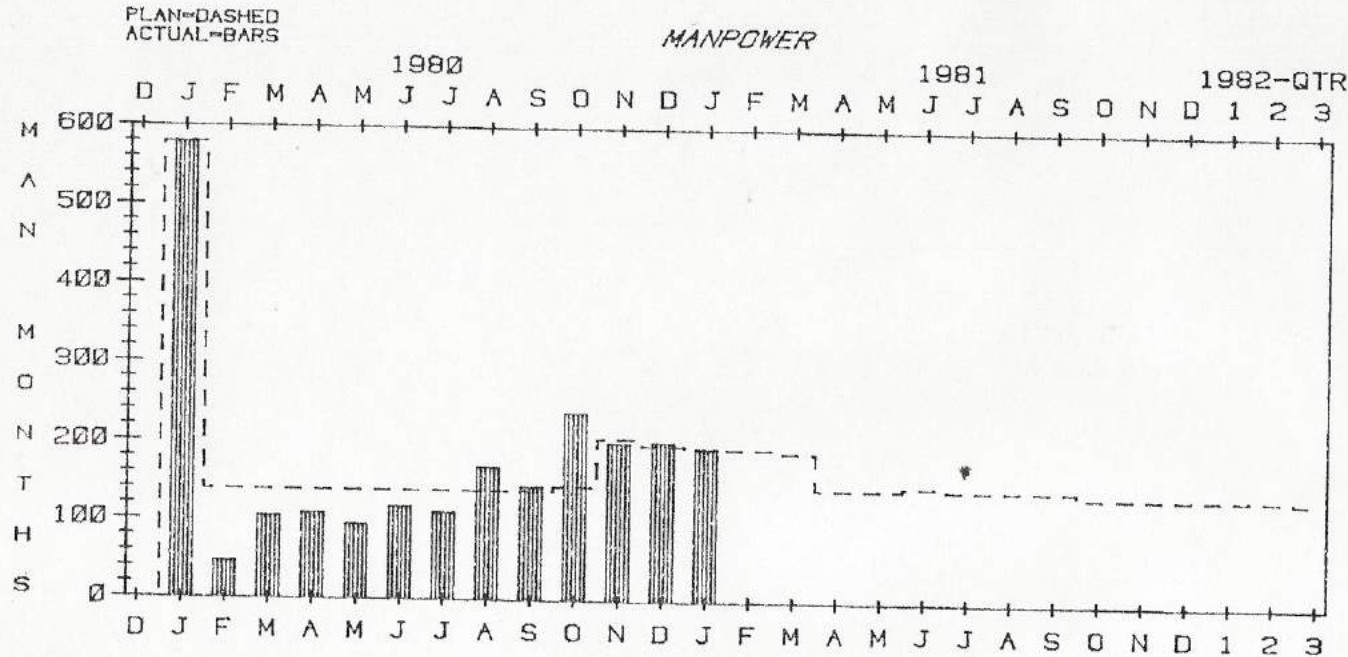
* Potential EFC Impacts: \$15,550,000. Overall Show/Facility Preliminary Estimate.

SUPPORT INVESTMENT

WED, MAPO and STUDIO-SUMMARY

PROJECT MGR: JIM NAGY
BUS ADMIN: JOSEPH McHUGH
REPORT DATE: FEBRUARY 20, 1981

MANPOWER



STATUS

SITUATION: Site, Transportation, Utilities and Guest Services are proceeding on schedule. Service buildings are behind because of equipment delays. Area Development delayed because of revised Pavilion bid dates and cost reduction studies.

DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
195.1	193.8	1.3

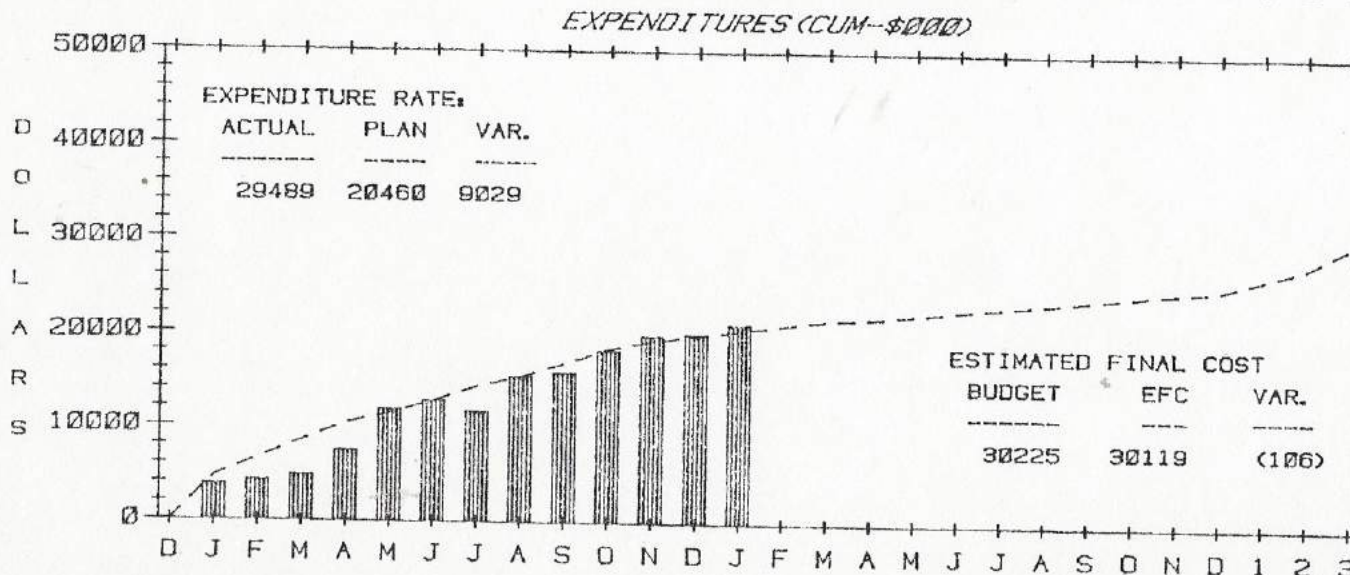
Note: Walt Disney World Facility Engineering and WED East Design are included in the projected manpower plan.

Due to efforts not able to be allocated to specific cost centers within World Showcase, Master Planning is causing a variance in manpower.

MANAGEMENT ACTION ITEM:

1. Projected \$2M variance in Employees Wardrobe will be studied pending estimate details.

RECOMMENDATION:



SITE DEVELOPMENT

69 kV TRANSMISSION
LINE

MONORAIL

- BEAMWAY

- TTC

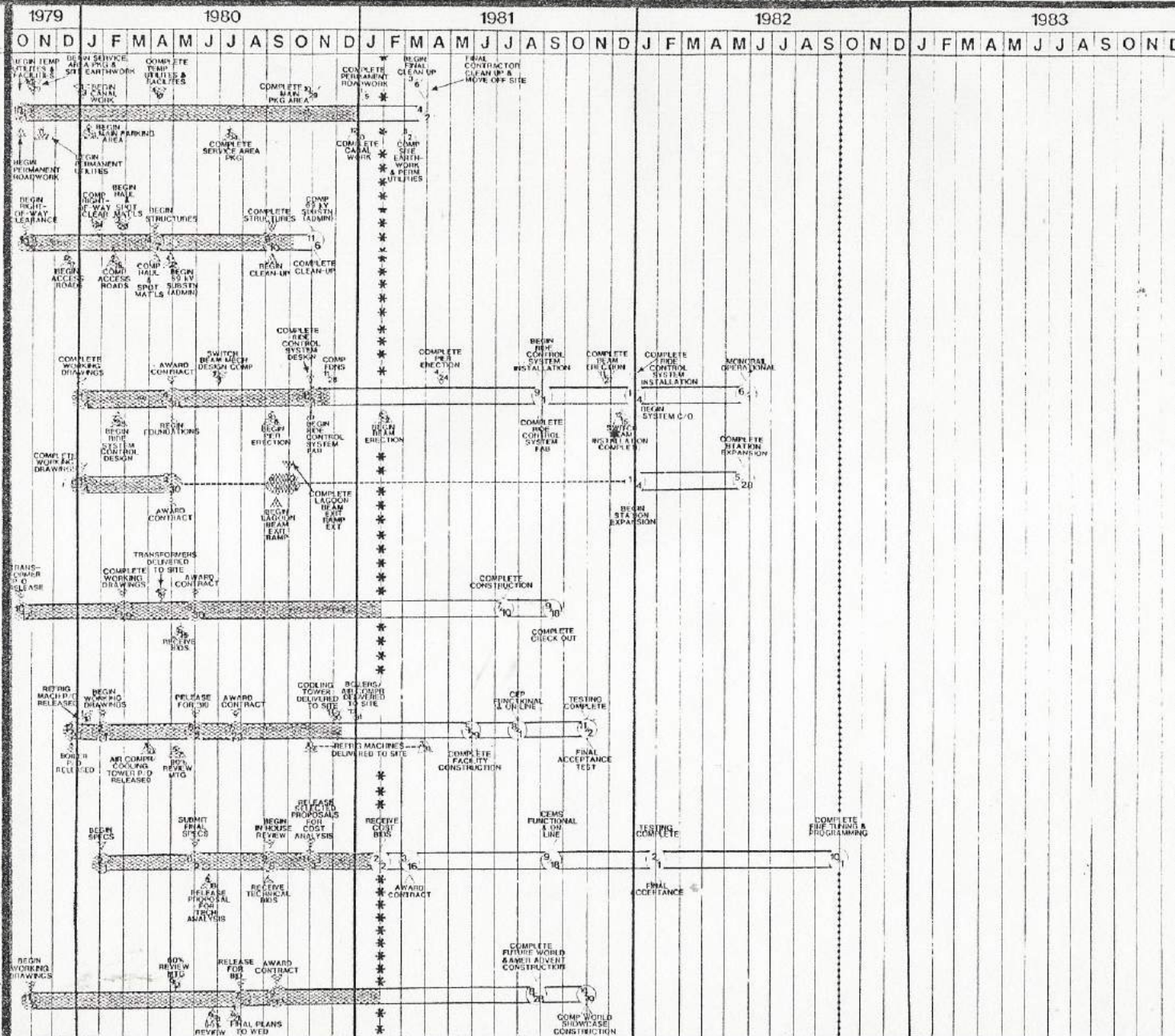
69 kV SUBSTATION

CENTRAL ENERGY
PLANT

CENTRAL ENERGY
MANAGEMENT SYSTEM

ON-SITE UTILITIES

EMS, CIVIL, MECHANICAL, ELECTRICAL, GAS, COMPRESSED
AIR, WATER, VALVE, RPT, WINDING, CONNECTORS,
CABLE PLANT, 12.47 kV & COMMUNICATION DUCT
DARKS, SANITARY SEWER & STORM DRAINS



PROJECT DESIGNED FOR

WALT DISNEY
WORLD CO.

PROJECT AREA:

EPCOT
CENTER

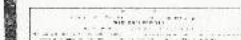
UNIT NAME:

SUPPORT
INVESTMENT

SCHEDULE DATA:

DATE	4/1/80
PROJECT MANAGER	D. HUGHES G. MULLINAX P. WEICKERT
PROJECT PLANNER	P. KOMER
PREPARED BY	P. KOMER
CHECKED BY	<i>[Signature]</i>

REV. DATE	DESCRIPTION
0 4/1/80	MILESTONE SCHEDULE



PLANNING
AND
SCHEDULING

DEPT. 312

SHEET NO.

SCH-222

SHEET

22 OF 23

SEWER TREATMENT
PLANT EXPANSION

EPCOT CENTER DRIVE

FAST-FOOD/EMPLOYEE
CAFETERIA COMPLEX

AREA DEVELOPMENT

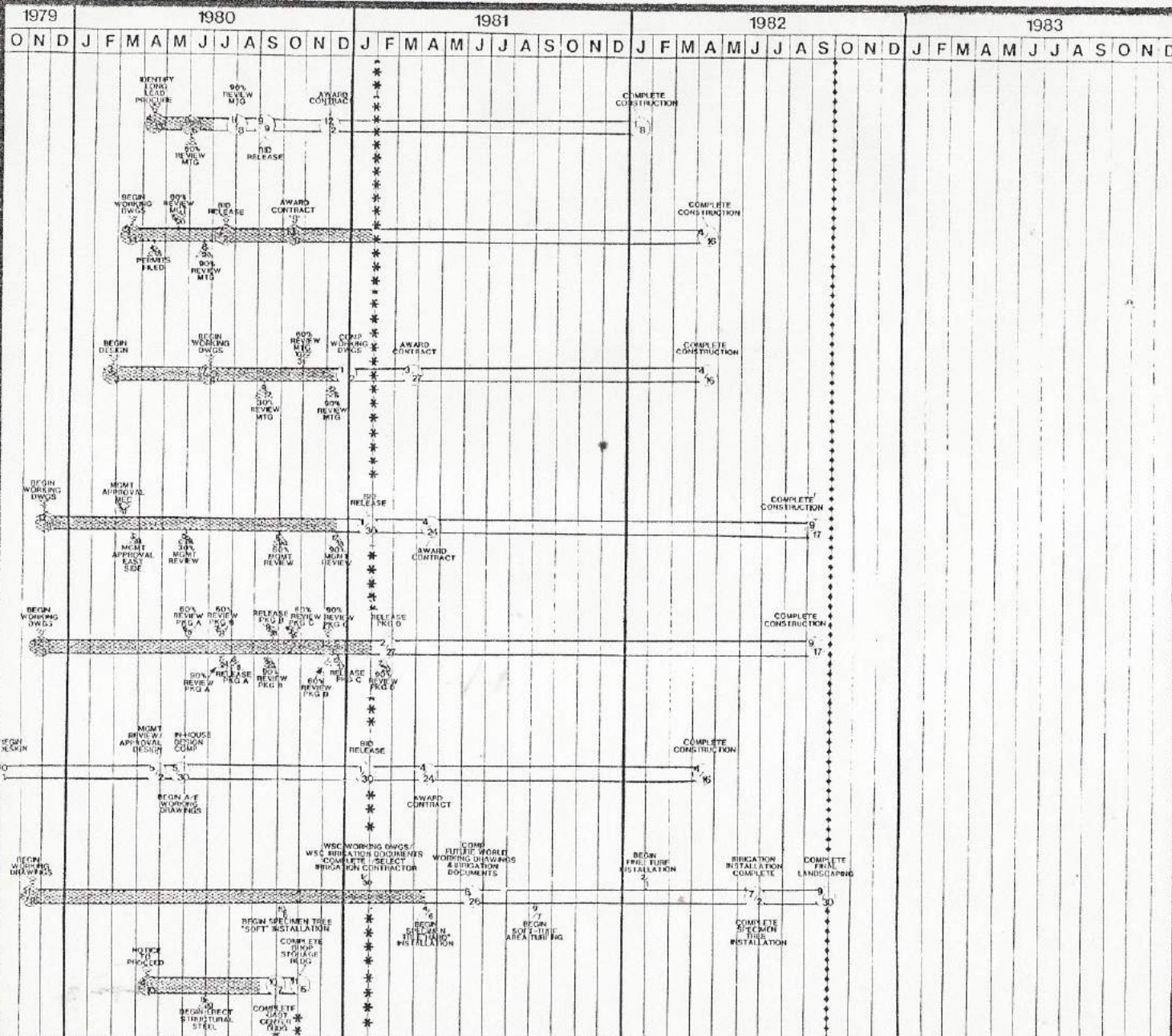
- FUTURE WORLD
 - MAIN ENTRANCE COMPLEX
 - EAST SIDE
 - WEST SIDE
 - COMMERCIAL CENTER
 - COMMERCIAL TRANSITION

- WORLD SHOWCASE
 - PKG A: CANADA & U.K.
 - PKG B: AMERICAN ADVENTURE, ITALY, FRANCE, JAPAN, & MEXICO
 - PKG C: GERMANY & COSTA RICA
 - PKG D: MOROCCO

- AMPHITHEATRE

- LANDSCAPING

SERVICE BUILDINGS



PROJECT DESIGNED FOR

WALT DISNEY
WORLD CO.

PROJECT AREA:

EPCOT
CENTER

UNIT NAME:

SUPPORT
INVESTMENT

SCHEDULE DATA:

DATE	4/1/80
PROJECT MANAGER	D. HUGHES G. MULLINAX P. WEICKERT
PROJECT PLANNER	P. KOMER
PREPARED BY	P. KOMER
CHECKED BY	<i>[Signature]</i>

REV. DATE	DESCRIPTION
0 4/1/80	MILESTONE SCHEDULE



PLANNING
AND
SCHEDULING

DEPT. 312

SHEET NO.

SCH-223

SHEET

23 OF 23

Don Hughes, Gene Allinax,
Paul Nylund, Bob Smith,
Paul Weickert

Project Mgr.

Bus. Adm. Joe McHugh

Scheduler Dave Yanchar

Coordinator John Payne

Report Date February 20, 1981

SUPPORT INVESTMENT

STATUS CONTINUATION

SITE DEVELOPMENT:

1. Marina and Canada/United Kingdom segments of the lagoon wall are complete and wall sections are being poured at American Adventure, Italy, and France.
 - A. Estimated completion is May 1, 1981.
2. South and North surcharges are still undecided for final removal time. South Island surcharge removal in progress.
3. Sequence of paving was changed to allow for early completion of the Interchange and Exit Roads.
4. Lift Station and Chlorine Building are near completion; electrical work in progress.
5. Entrance/Exit Road and Main Parking Lot are being graded and stabilized, (bus parking is complete); Perimeter Road stabilization is in progress at World Showcase.
6. Bridges 1 and 2 are substantially complete. Asphalt work to be done in coordination with Entry and Exit Roads now. Scheduled to be completed by February 1981, perimeter Road now expected in early March.
7. Contract completion date is December 11, 1981.

69KV TRANSMISSION LINE:

1. Conductors and line work on the South Line completed (after the repair of pole #53) on December 30, 1980. North Line Completed January 2, 1981.
2. Administration Substation work due to complete upon receipt of 1000 Volt Control Cable.
3. Despite delays, overall project is anticipated to complete prior to contract completion date of April 18, 1981.

Don Hughes, Gene McLinax,
Paul Nylund, Bob Smith

Project Mgr. Paul Weickert

Bus. Admin. Joe McHugh

Scheduler Dave Yanchar

Coordinator John Payne

Report Date February 20, 1981

SUPPORT INVESTMENT

STATUS CONTINUATION

MONORAIL:

1. Although a delay to the completion of pier precasting (scheduled for April 15, 1981 and about 30 % complete) could occur, the contractor has scheduled to precast piers for critical areas to allow erection that will avoid interference with other contractors.
2. The most critical activity that affects the project schedule at this time is the production of the precast beams. Beam production has been approximately 8 per week and must continue to remain on schedule.
3. All single lane crossheads have been fabricated as of the end of January, after which time both fabricators will be fabricating dual lane crossheads. At the rate of 16 per week all of the crossheads should be fabricated by mid April, 1981.
4. Foundation construction is over 75% complete; pile driving is complete.
5. All TTC concrete Foundations have been placed and masonry block work started the week of January 19, 1981.
6. Activities at the parking lot are on schedule; paving started January 22, 1981 and completed the next day, with column protection posts following.
7. Overall completion of total project is expected to be in accordance with contract (May 19, 1982).

69KV SUBSTATION:

1. All Switchyard foundations including Emergency Generator Pads are complete.
2. Nuralite roof is complete and building watertight milestone was finally achieved December 30, 1980. After a two month delay due to masonry and bar joist refabrication plus lost time in roofing work.
3. HVAC duct work completed December 24, 1980 and painting has taken place in January.
4. Work is in progress on grid system and precast concrete trench at Switchyard and Electrical Lighting and Alarm Conduit.
5. Current progress remains on schedule so that completion of check-out is now expected July 15, 1981.

Don Hughes, Gene Mullinax,
Paul Nylund, Bob Smith

Project Mgr. Paul Weickert
Bus. Admin. Joe McHugh
Scheduler Dave Yanchar
Coordinator John Payne
Report Date February 20, 1981

SUPPORT INVESTMENT

STATUS CONTINUATION

CENTRAL ENERGY PLANT:

1. Foundation work has been completed, as well as piers, grade beams, equipment pads and trench pits. Under slab electric and mechanical piping is essentially complete.
2. Six of the ten column lines have been erected; roof girders and pipe supports are being installed. Structural steel is expected to complete February 15, 1981, approximately six weeks late.
3. Chiller delivery is 75% complete. Cooling Tower mechanical installations will begin by April 1, 1981. Overhead piping erections is expected to start about March 1, 1981.
4. Central Energy Plant is expected to be operational by July 1, 1981, not June 1, 1981 as originally scheduled. This revised date reflects extensions granted to the contractor for unexpected high ground water and for Bulletin #3.
5. Test and check-out with on-site utilities is still expected to be complete by October 29, 1981.

CENTRAL ENERGY MANAGEMENT SYSTEM:

1. Bid documents were released to bidders on December 12, 1980. Per bidders' request, the bid opening was changed from January 15, 1981 to February 11, 1981.
2. Notice to proceed is now expected in March, which approximates the baseline schedule. CEMS is still expected functional and on-line by March 1, 1982 with fine tuning and programming completing by opening day.

Don Hughes, Gene Millinax,
Paul Nylund, Bob Smith

Project Mgr. Paul Weickert

Bus. Admin. Joe McHugh

Scheduler Dave Yanchar

Coordinator John Payne

Report Date February 20, 1981

SUPPORT INVESTMENT

STATUS CONTINUATION

ON-SITE UTILITIES:

1. Work is progressing primarily in the Future World sectors on the Sanitary Gravity Main, Storm Sewerage, Power and Communication Manholes, and Substation Pads.
2. Continuation of insufficient manpower and critical materials (60" RCP and 36" RCP) will impact the Sanitary Sewer (Gravity Main by February 27, 1981 and Force Main by April 27, 1981) and Storm Drain (Radials by February 27, 1981 and remainder by June 27, 1981) milestone dates. A remedial program is being implemented to maintain scheduled progress.

ON-SITE COMMUNICATIONS:

1. The 90% review meeting is scheduled to take place February 10, 1981. Final drawings are due from the consultant by February 24, 1981. The release for bid will occur March 2, 1981.

WASTE WATER TREATMENT PLANT EXPANSION:

1. Management's decision to eliminate the designed Anaerobic System in favor of an Aerobic System design necessitated a new design/construction schedule.
2. The consultant received verbal notice to proceed on Aerobic Design on December 16, 1980.
3. On February 18, 1981 the consultant is to deliver final plans to RCUC along with a completed permit application which RCUC will submit to the DER.
4. Documents are to be issued to general contractors on March 4, 1981 with bids due April 13, 1981. Award of contract is set for April 30, 1981. This is a five month slip in the start of construction.
5. Construction is expected complete by April 30, 1982, four months beyond the originally scheduled date.
6. RCUC is responsible for the construction and construction administration of this project.

Don Hughes, Gene (ilina),
Paul Nylund, Bob Smith,
Paul Weickert

Project Mgr. _____

Bus. Admin. Joe McHugh

Scheduler Dave Yanchar

Coordinator John Payne

Report Date February 20, 1981

SUPPORT INVESTMENT

STATUS CONTINUATION

EPCOT CENTER DRIVE:

1. Project is on schedule and includes the following areas with expected completions:
 - A. EPCOT Center Drive - February 1, 1982.
 - B. Community Drive - August 5, 1981.
 - C. Service Area Road Realignment - August 5, 1981.
 - D. Entrance - Exit On-Off Ramps - January 13, 1982.
 - E. Draw Bridge - August 24, 1981.
 - F. Area Bridges Numbers 2 and 3 - September 23, 1981.
2. Contract completion date is February 20, 1982.
3. Road sign design package completed January 16, 1981 and was sent to Greiner Engineering Sciences for Production Drawings.

EAST RESTAURANT COMPLEX:

1. A revised schedule calls for the release of the East Restaurant Complex and Mexico as as a single package on March 19, 1981.
2. The consultant had been working toward 100% submittal of January 26, 1981 with release to take place February 12, 1981. Consequently, the additional time will allow for further refinements in the drawing package.
3. Graphics Design is behind but working drawings are expected to begin on schedule (March 30, 1981).

Don Hughes, Gene Linax,
Paul Nylund, Bob Smith,
Paul Weickert

Project Mgr. _____
Bus. Admin. Joe McHugh
Scheduler Dave Yanchar
Coordinator John Payne
Report Date February 20, 1981

SUPPORT INVESTMENT

STATUS CONTINUATION

AREA DEVELOPMENT:

1. Future World desing continues to work toward the following schedule:
 - A. 90% review - February 10, 1981
 - B. Revision deadline - February 16, 1981
 - C. 100% Submittal - March 9, 1981
 - D. WED release to Florida - March 16, 1981.
2. World Showcase - Delay in the scheduled release of some packages is due to the cost reduction studies and a revised packaging and release strategy. Area Development packages continue to be released in conjunction with the corresponding pavilion bid packages.
 - A. Area "A" (Canada and United Kingdom) - Notice To Proceed was January 7, 1981
 - B. Area "B" (France and Japan) - Release to Florida February 19, 1981.
 - C. Area "C" (American Adventue) - Bids due February 19, 1981.
 - D. Area "D" (Italy and Germany) - Released to Florida January 12, 1981; Bids due March 5, 1981.
 - E. Area "E" (Mexico) - Release to Florida March 19, 1981.
 - F. Area "F" (Area between "D" and "E") schedule has been revises as follows:
 1. Release Architectural Area Development (excluding China) - January 23, 1981
 2. Release lighting design (excluding China) - February 6, 1981.
 3. Release Architectural Area Development for China - February 23, 1981.
 4. Release lighting design for China - March 6, 1981
 5. 100% drawings due - April 17, 1981.
 6. Release to Florida - April 27, 1981.
 - G. Schedule for Area "B" is:
 1. Release Architectural Area Development for Morocco Lot. - January 14, 1981.
 2. Release lighting design for Morocco - January 26, 1981.
 3. 100% drawings due - February 12, 1981.
3. Landscaping working drawings and irrigation documents have been revised in response to cost reduction reviews and will complete in conjunction with Area Development. Irrigation will be included in the packages; landscaping, which is owner-furnished, will be included for reference only.

Don Hughes, Gene Linax,
Paul Nylund, Bob Smith,

Project Mgr. Paul Weickert

Bus. Admin. Joe McHugh

Scheduler Dave Yanchar

Coordinator John Payne

Report Date February 20, 1981

SUPPORT INVESTMENT

STATUS CONTINUATION

SERVICE BUILDINGS:

1. Cast Center basic building is now expected to be completed February 2, 1981; with HVAC - February 26, 1981; 100% completion - March 3, 1981, five months late. Basic building completion has been delayed because of:
 - A. Finish painting delayed due to absence of permanent power for permanent lights (Further transformer changes recently received).
 - B. Finish hardware remains incomplete; locksets are outstanding.
 - C. The HVAC Heat Exchanger delivery was December 29, 1980 and installation has begun; due to manufactureres problems in production, the plumbing Heat Exchanger was not shipped from Pennsylvania until January 20, 1981.
 - D. Substation modifications outlined in November 6, 1980 directive cannot be completed until all parts are delivered to the contractor. Pending items introduce further modifications to the substation transformers which were originally required to be operational by September 9, 1980.
 - E. No further slippages are expected for HVAC and 100% completion.
2. Shop Storage Basic Building is now expected to be completed March 12, 1981; fully completed HVAC February 20, 1981; 100% completion March 12, 1981 - four months late. The schedule for this building has been affected by the same delays as the Cast Center Building.

Paul Nylund, Bob Smith
Don Hughes, Gene Mullinex
Paul Weickert

Project Mgr. _____
Bus. Admn. Joseph McHugh _____
Scheduler Dave Yanchar _____
Coordinator John Payne _____
Report Date February 20, 1981 _____

SUPPORT INVESTMENTS
STATUS CONTINUATION

ALLOCATED SUPPORT INVESTMENT

(In Thousands)

<u>DESIGN</u>	<u>Estimated Final Cost</u>	<u>Budget</u>	<u>Variance</u>
Site	\$ 4,474	\$ 4,900	\$ (426)
Utilities	3,900	3,800	100
Transportation	2,400	2,200	200
Service Buildings	2,520	2,500	20
Area Development	8,400	8,400	Ø
Total Design	<u>\$ 21,694</u>	<u>\$ 21,800</u>	<u>\$ (106)</u>

CONSTRUCTION AND MANUFACTURING

<u>SITE</u>			
Site - McCormick, Conduit, Buckley	\$ 46,163	\$ 46,645	\$ (482)
EPCOT Center Drive	<u>16,130</u>	<u>19,907</u>	<u>(3,777)</u>
Subtotal	<u>\$ 62,293</u>	<u>\$ 66,552</u>	<u>\$ (4,259)</u>
<u>UTILITIES</u>			
Off-Site			
69 kV Transmission - Mamba	\$ 1,919	\$ 2,043	\$ (124)
69kV Substation - PHB	1,439	1,561	(122)
Owner Furn. Equipment	1,176	1,012	164

SUPPORT INVESTMENTS

STATUS CONTINUATION

Paul Nylund, Bob Smith
Don Hughes, Gene Mullinex
Paul Wieckert
Project Mgr. _____
Bus. Admin. Joseph McHugh
Scheduler Dave Yancher
Coordinator John Payne
Report Date February 20, 1981

ALLOCATED SUPPORT INVESTMENT

	<u>Estimated Final Cost</u>	<u>Budget</u>	<u>Variance</u>
<u>UTILITIES (cont'd)</u>			
Communication	\$ 47	\$ 23	\$ 24
Temporary Power	142	141	1
Subtotal Off-Site	<u>\$ 4,723</u>	<u>\$ 4,780</u>	<u>\$ (57)</u>
Central Energy Plant			
CEP - Poole and Kent	\$10,459	\$11,199	\$ (740)
Owner Furnished Equipment	702	690	12
Subtotal CEP	<u>\$11,161</u>	<u>\$11,889</u>	<u>\$ (728)</u>
On Site			
On-Site PKG - Morrison/Knudson	\$31,817	\$28,400	\$ 3,417
DACS Hardware	275	511	(236)
Owner Furnished Equipment	6,614	6,551	63
Subtotal On-Site	<u>\$38,706</u>	<u>\$35,462</u>	<u>\$ 3,244</u>
<u>TRANSPORTATION</u>			
Monorail - Morrison/Knudson	\$27,506	\$26,232	\$ 1,274
Monorail OFE	263	333	(70)
Water Taxis	671	671	0

Paul Nylund, Bob Smith
Don Hughes, Gene Mullinex

Project Mgr. Paul Weickert

Bus. Adm. Joseph McHugh

Scheduler Dave Yanchar

Coordinator John Payne

Report Date February 20, 1981

SUPPORT INVESTMENTS

STATUS CONTINUATION

ALLOCATED SUPPORT INVESTMENT

<u>TRANSPORTATION (cont'd)</u>	<u>Estimated Final Cost</u>	<u>Budget</u>	<u>Variance</u>
Trams	\$ 1,302	\$ 1,302	\$ 0
Omnibus	500	500	0
Subtotal Transportation	<u>\$30,242</u>	<u>\$29,038</u>	<u>\$ 1,204</u>
<u>SERVICE BUILDINGS</u>			
Cast CTR/Shop Storage - MLB	\$ 5,445	\$ 7,067	\$(1,622)
Owner Furnished Equipment	926	609	317
Collapse Deductible	100	0	100
Central Shop Building	4,100	4,000	100
Central Laundry Expansion	<u>3,135</u>	<u>2,800</u>	<u>335</u>
Subtotal Service Buildings	<u>\$13,706</u>	<u>\$14,476</u>	<u>\$(770)</u>
<u>AREA DEVELOPMENT</u>			
Telcom Satellites	<u>700</u>	<u>700</u>	<u>0</u>
Total Allocated Support Investment	<u>\$183,225</u>	<u>\$184,697</u>	<u>\$(1,472)</u>
Total Unallocated Support Investment	<u>120,351</u>	<u>120,351</u>	<u>0</u>
Total Support Investment	<u>\$303,576</u>	<u>\$305,048</u>	<u>\$(1,472)</u>

Paul Nylund, Bob Smith

Don Hughes, Gene Mullinex

Project Mgr. Paul Weickert

Bus. Admin. Joseph McHugh

Scheduler Dave Yancher

Coordinator John Payne

Report Date February 20, 1981

SUPPORT INVESTMENTS

STATUS CONTINUATION

ALLOCATED SUPPORT INVESTMENT

(In Thousands)

OTHER

	<u>Estimated Final Cost</u>	<u>Budget</u>	<u>Variance</u>
Warehouse Lease	\$ 664	\$ 0	\$ 664
AP0 Doll Conversion	204	204	0
Total Other	<u>\$ 868</u>	<u>\$ 204</u>	<u>\$ 664</u>

SUPPORT INVESTMENT

Project Mgr. Jim NagyBus. Admin. Joe McHughReport Date February 20, 1981

STATUS CONTINUATION

VARIANCE RECAPTOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980) \$(1,655)

VARIANCE CHANGES DURING CURRENT PERIOD:

SITE:

SITE CONTRACT - previously reported non-support investment work.
To be reported by appropriate pavilions. (64)

EPCOT CENTER DRIVE - acceptance of contractor alternates (50)

TOTAL SITE \$ (114)

UTILITIES

OFF-SITE - 69KV Transmission - savings on additional temporary
power. (13)

Owner furnished equipment 67

TOTAL OFF-SITE \$ 54

CEP - OFE Savings (11)

TOTAL CEP \$ (11)

SUPPORT INVESTMENT

Project Mgr. Jim Nagy
Bus. Admin. Joe McHugh
Report Date February 20, 1981

STATUS CONTINUATION

VARIANCE RECAP (Continued)

<u>ON-SITE UTILITIES</u> - Final contract variance	205
OFE	<u>30</u>
TOTAL ON-SITE UTILITIES	<u>\$ 235</u>
<u>TRANSPORTATION</u>	
OFE Savings	<u>(1)</u>
TOTAL TRANSPORTATION	<u>\$ (1)</u>
<u>SERVICE BUILDINGS</u>	
Design	<u>20</u>
TOTAL VARIANCE THIS PERIOD(JANUARY 24, 1981)	<u><u>\$ 183</u></u>
TOTAL VARIANCE SUPPORT INVESTMENT	<u><u>\$(1,472)</u></u>

POST OPENING DAY

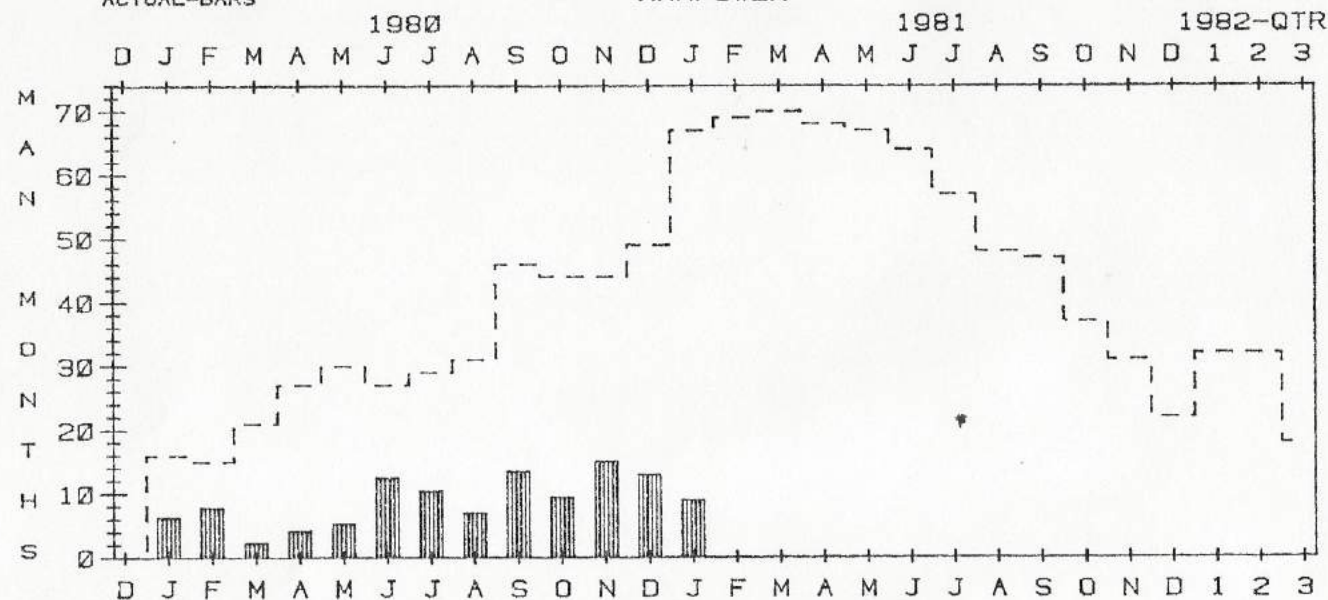
SEAS PAVILION

WED, MAPO and STUDIO-SUMMARY

PROJECT MGR: KYM MURPHY
BUS ADMIN: JIM WOLFORD
REPORT DATE: FEBRUARY 20, 1981

PLAN=DASHED
ACTUAL=BARS

MANPOWER



STATUS

SITUATION:

Show concepts on the sea base are developing. Bids for the acrylic panels are due back late February.

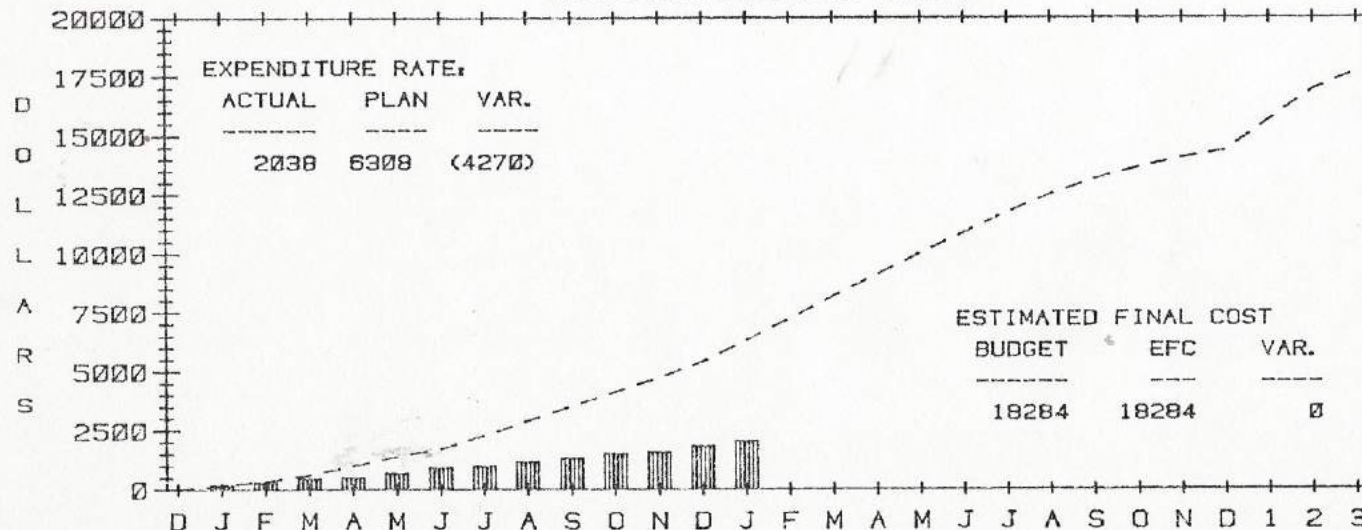
DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
9.0	67.0	(58.0)

- 1) Variance due to WED and MAPO's efforts concentrating in other areas.
- 2) Great need for space to produce full-scale sea base module mock-up.

EXPENDITURES (CUM-\$000)



RECOMMENDATION:

Re-estimating facility before the package is released for bid.

THE SEA PAVILION

STATUS CONTINUATION

Project Mgr.	Kym Murphy
Bus. Admin.	Jim Wolford
Scheduler	James Spice
Coordinator	Kirk Winterroth
Report Date	February 20, 1981

FACILITY:

1. Due to changes in the facility design (i.e. roof structure) a revised working drawing schedule has been determined:

2/26/81	90% Review Meeting
3/26/81	100% Submittal from Architectural/Engineering Firm
5/11/81	WED Release Drawings/Specifications to Florida
6/23/81	Notice to Proceed/Award of Contract
2. Specifications for the complete Acrylic Panel package were released to bidders on January 13, 1981. Proposals are due back by the end of February.

SHOW:

1. A ½" Seabase Show Model was begun the week of January 19, 1981.
2. An acoustical consultant, Marshall Long, has been retained to work with WED and the Architectural/Engineering Firm to determine requirements for facility and show elements.

THE SEA PAVILION
STATUS CONTINUATION

Project Mgr. Kym Murphy
Bus. Admin. Jim Woford
Scheduler Janis Spice
Coordinator Kirk Winterroth
Report Date February 20, 1981

VARIANCE RECAP

TOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980) \$ Ø

CHANGES THIS PERIOD \$ Ø

TOTAL VARIANCE \$ Ø

PROJECT MGR: KYM MURPHY
 BUS ADMIN : JIM WOLFORD
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: SEAS

STATUS CONTINUATION

	COST TO DATE	COMMITTED TO DATE	ESTIMATED FINAL COST	BUDGET	VARIANCE
FACILITY	\$1,563,619	\$2,738,265	\$30,800,000	\$30,800,000	\$0
SHOW	\$490,815	\$814,522	\$11,000,000	\$11,000,000	\$0
RIDE	\$42,673	\$304,515	\$4,800,000	\$4,800,000	\$0
TOTAL	\$2,097,107	\$3,857,302	\$46,600,000	\$46,600,000	\$0

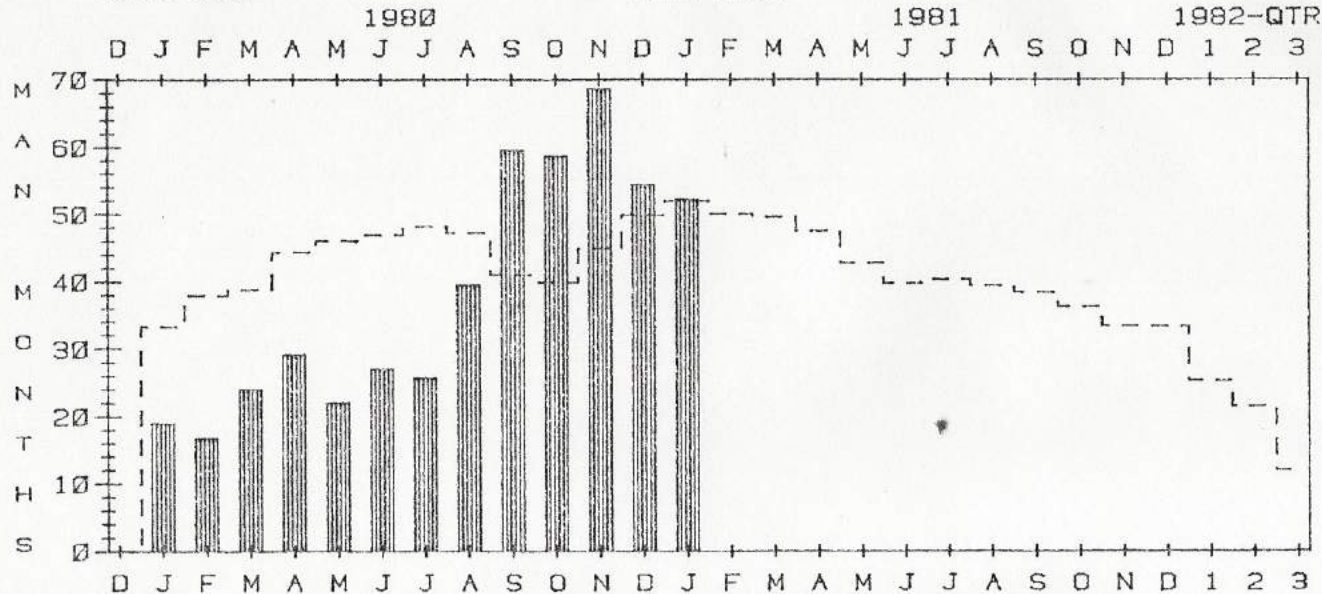
AMERICAN ADVENTURE

WED, MAPO and STUDIO-SUMMARY

PROJECT MGR: BOB MANSFIELD
BUS ADMIN: SHIRLEY KOMOTO
REPORT DATE: FEBRUARY 20, 1981

PLAN=DASHED
ACTUAL=BARS

MANPOWER



STATUS

SITUATION: The pavilion continues to be behind schedule. Start of facility construction has slipped 3 months. Late mechanical engineering releases and the 4 month delay of prototype lift tests continue to jeopardize opening day.

DATA:

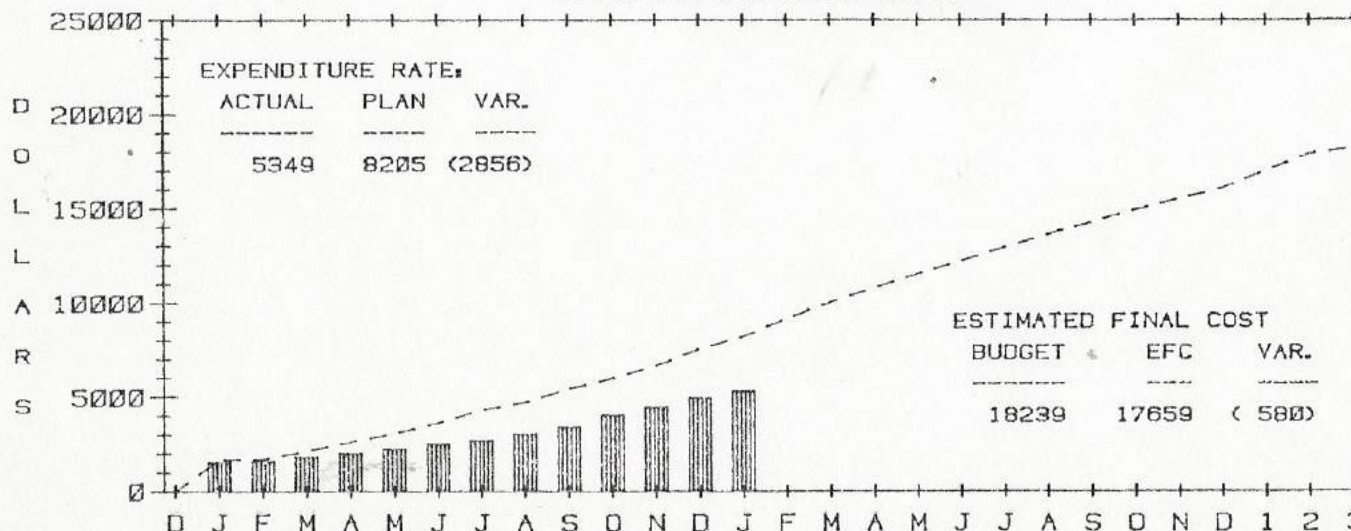
MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
52.2	52.0	0.2

MANAGEMENT ACTION ITEMS:

1. Show Action Equipment has a potential \$600K increase and is in addition to the \$1350K EFC increase reported in 11/80.
2. Possible \$230K increase in Facility FRP work based on conceptual estimate.
3. \$100K increase in Projection/Camera Equipment due to added specialized equipment necessary to film effort.
4. Probable \$100K increase in Special Effects due to: increase in scope, underestimate in manpower required, and increase in the number of effects projectors required (from 5 to about 40) --awaiting final estimate.
5. Total combined impact of possible variances: \$1030K increase.

EXPENDITURES (CUM-\$000)



AMERICAN ADVENTURE

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. Shirley Komoto
Scheduler Melanie Vass
Coordinator Jane Jackson
Report Date February 20, 1981

FACILITY

1. The second facility bulletin was sent to Florida on 1/8/81. The third bulletin is expected to be released on 2/19/81.
2. Bids are due back on 2/19/81. Notice to proceed was scheduled for 1/30/81. Pending release date.

SHOW

1. Testing of a speaker in an audio animatronics figure resulted in a decision to revise figures to place speakers in them. A list of affected figures is expected by 2/27/81.
2. The decision was made to use a mechanical winch system instead of linear induction motors to move the carriages. An outside vendor is being evaluated, and facility changes to accommodate the mechanical system have been made.
3. Testing of an animated figure on the prototype lift resulted in a conditional show buy-off on 12/18/80. The first releases for the lift intermediate and inner frames are expected on 2/27/81, about a month later than scheduled.
4. Figure sculpting for the animated figures is 95% complete and will be finished by 3/13/81, two months later than originally scheduled because of changes in scope. The late finish will impact the existing plastics tooling schedule, but should not affect animation manufacturing or programming.
5. The carriage test schedule is being revised due to changed requirements and late releases. A new schedule for the full test starting around 10/1/81 and running for about two months instead of five, will be developed with Mechanical and Electronic Engineering. Test details need resolution.
6. A total of 18 kits for assembly have been received in animation assembly. Some may have to be revised so speakers can be installed in them.

AMERICAN ADVENTURE

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. Shirley Komoto
Scheduler Melanie Voss
Coordinator Jane Jackson
Report Date February 20, 1981

SITUATION: The pavilion continues to be behind schedule. Start of facility construction has slipped 3 months. Late mechanical engineering releases and the 4 month delay of prototype lift tests continue to jeopardize opening day.

MANAGEMENT ACTION ITEMS:

1. Show Action Equipment has a potential \$600K increase and is in addition to the \$1350K EFC increase reported in November, 1980.
2. Possible \$230K increase in Facility FRP work based on conceptual estimate.
3. \$100K increase in Projection/Camera Equipment due to added specialized equipment necessary to film effort -- awaiting final estimate.
4. Probable \$100K increase in Special Effects due to: increase in scope, underestimate in manpower requirements, and increase in the number of effects projectors required (from 5 to about 40) -- awaiting final estimate.
5. Total combined impact of possible variances: \$1030K increase.

AMERICAN ADVENTURE

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. Shirley Komoto
Scheduler Melanie Voss
Coordinator Jane Jackson
Report Date February 20, 1981

VARIANCE RECAP

TOTAL VARIANCE FROM MONTH END (November 29, 1980) \$(388,655)

VARIANCE CHANGES DURING CURRENT PERIOD:

FACILITY:

None \$ 0

SHOW:

Wardrobe Production ① \$ 8,515

Film Production ② (200,000)

TOTAL SHOW \$(191,485)

TOTAL VARIANCE THIS PERIOD (January 24, 1981)

TOTAL VARIANCE AMERICAN ADVENTURE \$(580,140)

VARIANCE EXPLANATION:

- ① Increase on EFC from D/L Wardrobe due to underestimate in wig costs and use of higher quality materials as a result of design discussions in the Energy and Transarama pavilions.
- ② Decrease if EFC based on conceptual Studio estimate.

PROJECT MGR: BOB MANSFIELD
 BUS ADMIN : SHIRLEY KOKOTO
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: AMERICAN ADVENTURE

STATUS CONTINUATION

	COST TO DATE	COMMITTED TO DATE	ESTIMATED FINAL COST	BUDGET	VARIANCE
FACILITY	\$1,657,699	\$1,823,147	\$18,247,800	\$18,347,800	-\$100,000
SHOW	\$3,695,902	\$5,979,919	\$16,619,860	\$17,100,000	-\$480,140
RIDE	\$0	\$0	\$0	\$0	\$0
TOTAL	\$5,353,601	\$7,803,066	\$34,867,660	\$35,447,800	-\$580,140

CANADA PAVILION

WED. MAPO and STUDIO-SUMMARY

PROJECT MGR: BOB MANSFIELD
BUS ADMIN: ANN HEISE
REPORT DATE: FEBRUARY 20, 1981

STATUS

SITUATION:
Contract awarded December 17, 1980
to Pepper Construction Company.

DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
13.1	5.2	7.9

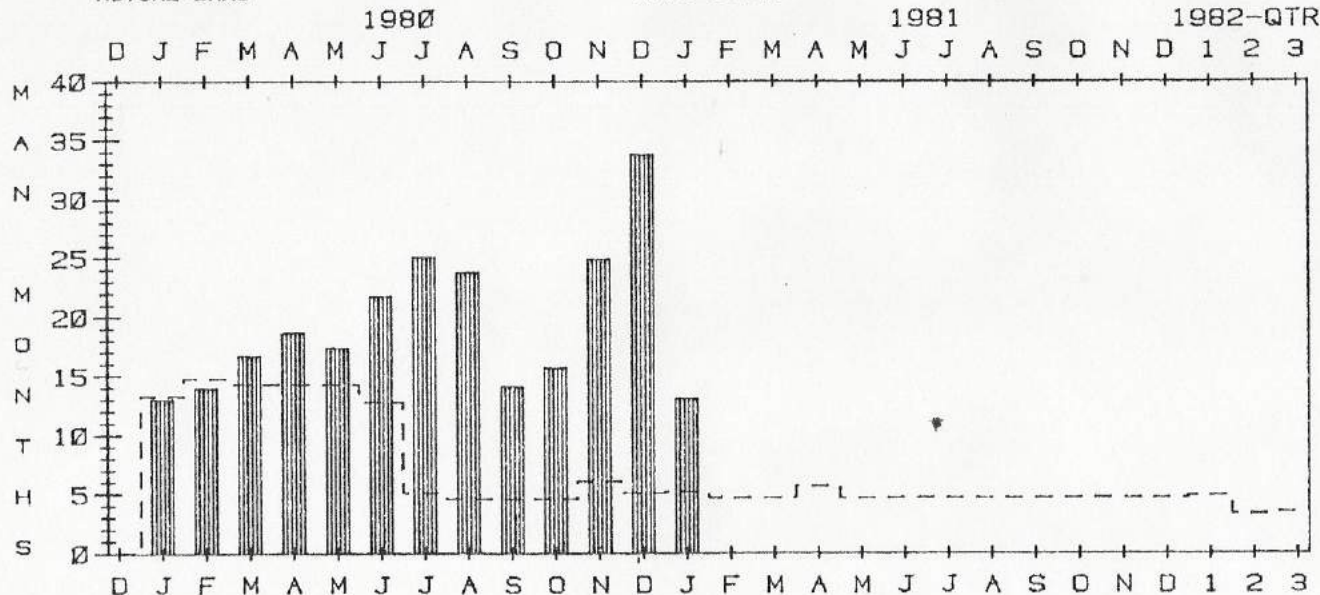
MANAGEMENT ACTION ITEM:

1. Artificial trees are not currently working in the budget. Total cost impact expected to be \pm \$380K and is currently being evaluated.
2. Film savings are projected to run \$200K according to estimate received from Studio.

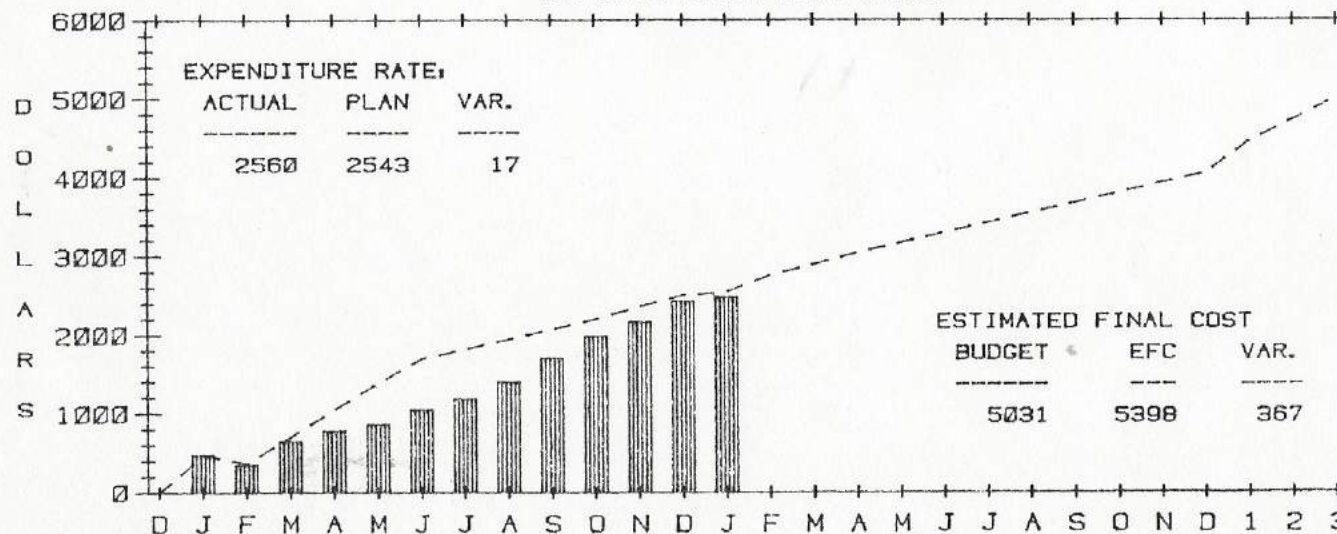
RECOMMENDATION:

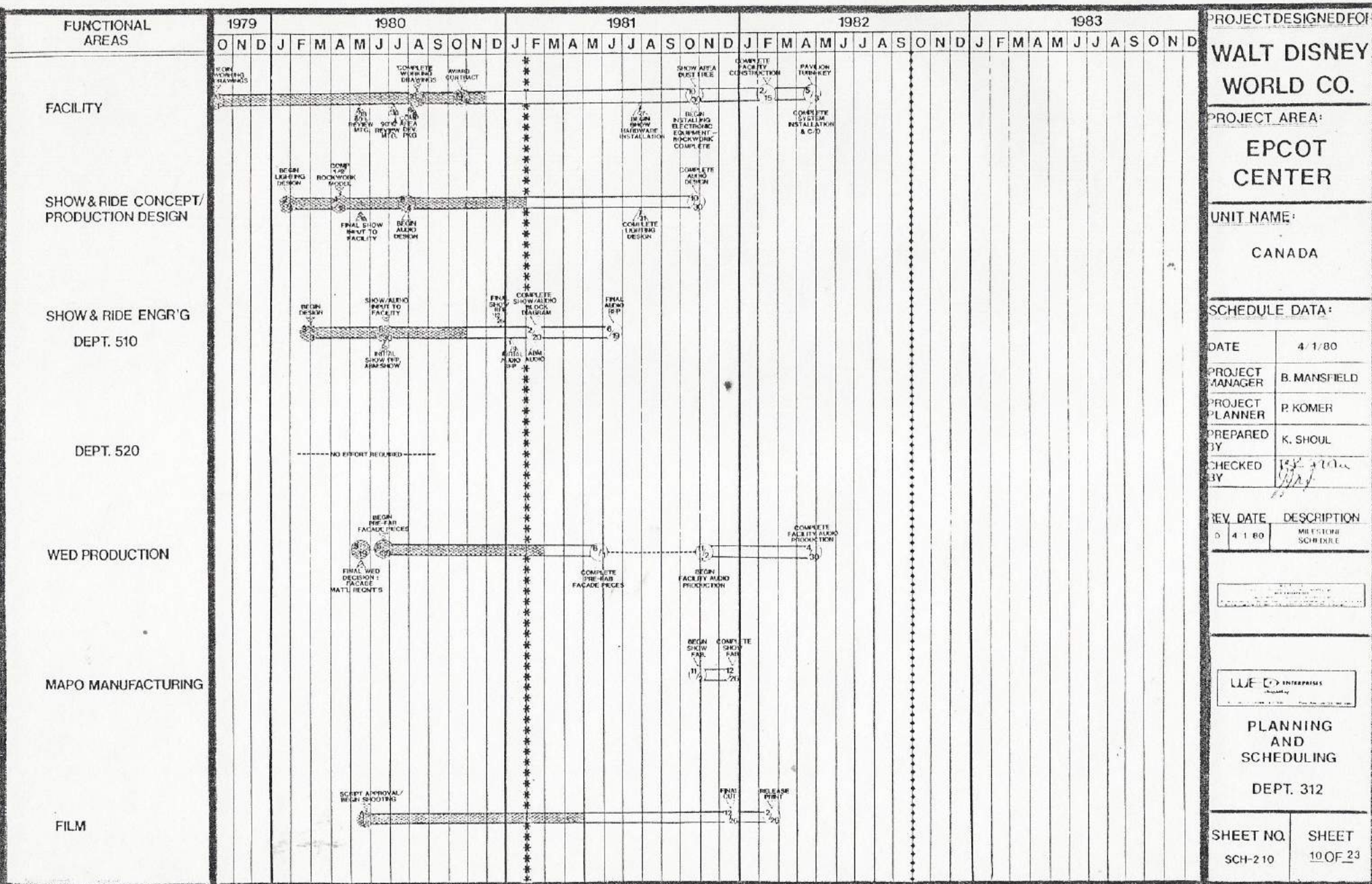
PLAN=DASHED
ACTUAL=BAR

MANPOWER



EXPENDITURES (CUM-\$000)





PROJECT DESIGNED FOR
**WALT DISNEY
WORLD CO.**

PROJECT AREA:
**EPCOT
CENTER**

UNIT NAME:
CANADA

SCHEDULE DATA:	
DATE	4/1/80
PROJECT MANAGER	B. MANSFIELD
PROJECT PLANNER	P. KOMER
PREPARED BY	K. SHOUL
CHECKED BY	<i>[Signature]</i>
REV. DATE	DESCRIPTION
0 4 1 80	MILESTONE SCHEDULE



**PLANNING
AND
SCHEDULING**

DEPT. 312

SHEET NO. SCH-2 10	SHEET 10 OF 23
-----------------------	-------------------

CANADA

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. M.A. Heise
Scheduler Dave Yanchar
Coordinator Alan Bourgeois
Report Date February 20, 1981

FACILITY:

1. Contract for Canada, United Kingdom and Area Development Package "A" was awarded December 17, 1980 to Pepper Construction Company of Illinois.
2. Notice to Proceed date is January 7, 1981. Construction is scheduled to complete May 21, 1982, including both pavilion and area development.
3. One of three (total) totem poles completed sculpture January 20, 1981.
4. BVCC has requested that all architectural ornamentation be fabricated and delivered to the Florida warehouse by April 1, 1981 in order to meet construction requirements per contract documents. Production is a potential problem and must be expedited. Production drawings have been completed.
5. An interiors departmental revised budget review was completed January 28, 1981.

SHOW:

1. Filming effort is progressing very well (50% complete) and is expected to finish by September 15, 1981, four months ahead of schedule.

CANADA

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. M. A. Heise
Scheduler Dave Yanchar
Coordinator Alan Bourgeois
Report Date February 20, 1981

VARIANCE RECAP

TOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980) \$ 412

VARIANCE CHANGES DURING CURRENT PERIOD:

FACILITY:

Design	1	\$ 50
Trees	2	17
Rockwork	3	11
Construction	4	<u>840</u>

TOTAL FACILITY \$ 918

SHOW:

Film Production	5	<u>\$(112)</u>
-----------------	---	----------------

TOTAL SHOW \$(112)

TOTAL VARIANCE THIS PERIOD \$ 806

TOTAL VARIANCE CANADA PAVILION \$1,218

VARIANCE EXPLANATION:

1. Re-design effort.
2. Preliminary estimate.
3. Preliminary estimate
4. Construction bid variance
5. Preliminary estimate.

PROJECT MGR: BOB MANSFIELD
 BUS ADMIN : ANN HEISE
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: CANADA

STATUS CONTINUATION

	COST TO DATE	COMMITTED TO DATE	ESTIMATED FINAL COST	BUDGET	VARIANCE
FACILITY	\$2,006,945	\$1,997,686	\$10,360,217	\$8,578,000	\$1,782,217
SHOW	\$646,055	\$680,057	\$3,635,778	\$4,200,000	-\$564,222
RIDE	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,653,000	\$2,677,743	\$13,995,995	\$12,778,000	\$1,217,995

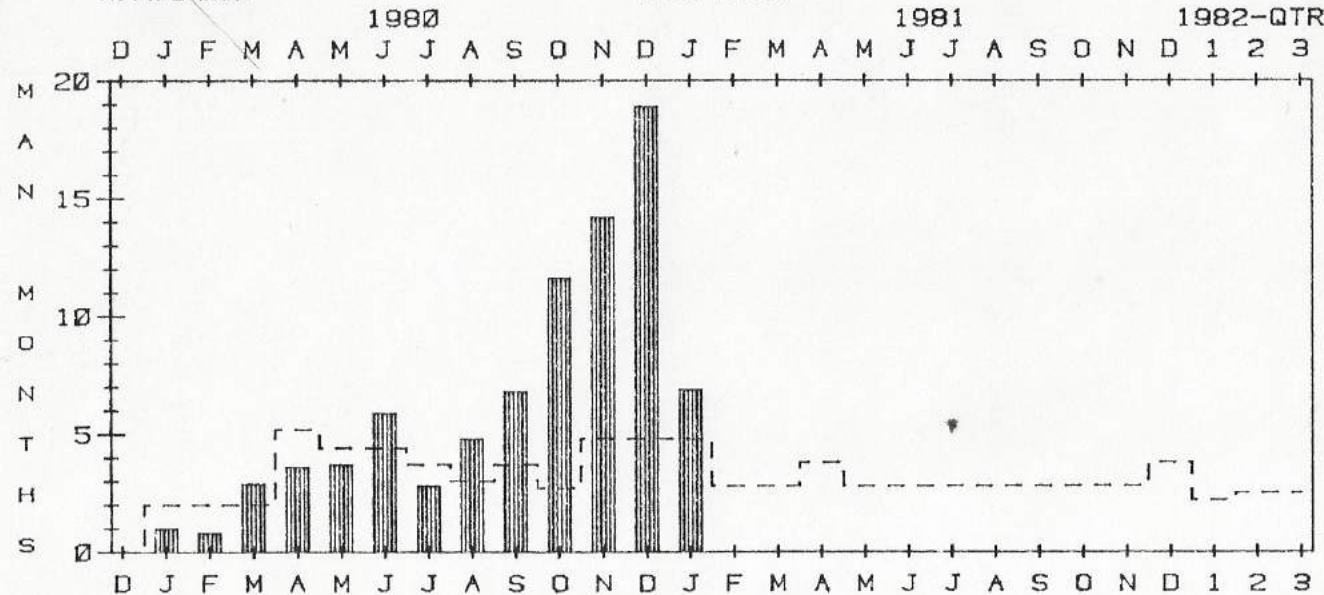
FRANCE PAVILION

WED. MAPO and STUDIO-SUMMARY

PROJECT MGR: BOB MANSFIELD
BUS ADMIN: JOANNE FERNHOLZ
REPORT DATE: FEBRUARY 20, 1981

PLAN=DASHED
ACTUAL=BARS

MANPOWER



STATUS

SITUATION:

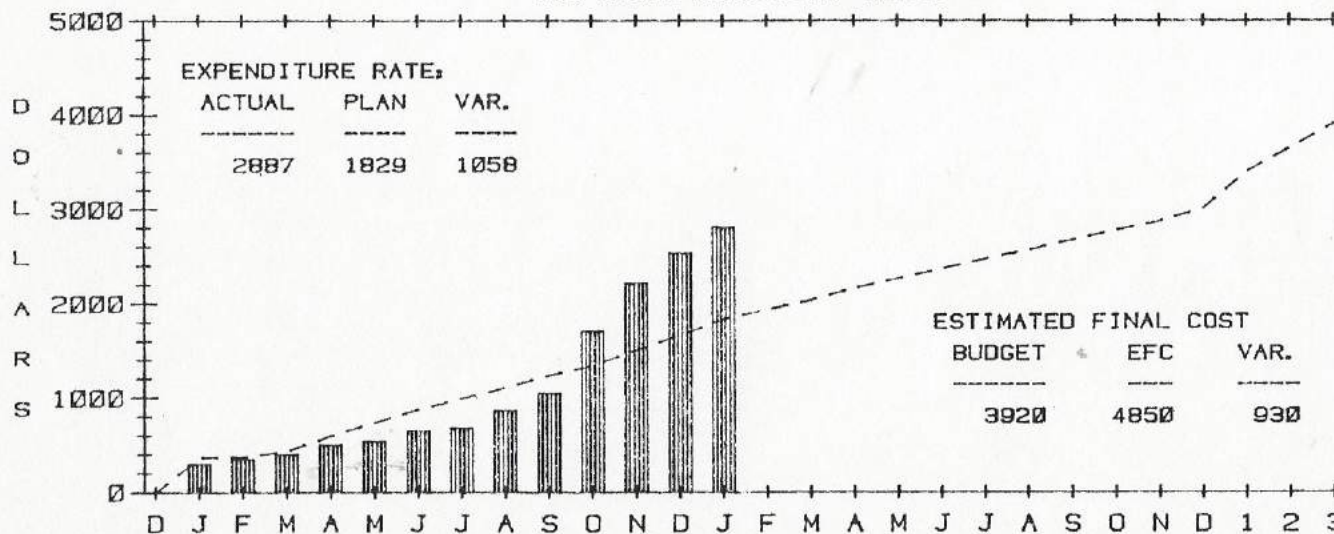
Cost reduction reviews are continuing.

DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
6.9	4.8	2.1

EXPENDITURES (CUM-\$000)



RECOMMENDATION:

FRANCE

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admn. Joanne Fernholz
Scheduler Dave Yanchar
Coordinator Alan Bourgeois
Report Date February 20, 1981

A. FACILITY

1. Cost reviews conducted in December continued to refine the drawing package. Scope changes primarily involved the elimination, reduction, or simplification of interior and exterior finishes and detailing.
2. A complete package of drawings and specifications for France, Japan, and Area Development Package "B" will be released to Florida on February 19, 1981.
3. An accelerated production of Staff Ornamentation must take place in order to meet BVCC's requirements for construction.
4. Release will be four months behind the April, 1980 Milestone Schedule and will cause a similar impact upon facility construction which is now expected to complete by June 1982.

B. SHOW

1. Filming for the Circlevision Show is 50% complete. Winter scenes are scheduled to begin shooting February 16, 1981.

FRANCE
STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. Joanne Fernholz
Scheduler Dave Yanchar
Coordinator Alan Bourgeois
Report Date February 20, 1981

VARIANCE RECAP

(In Thousands)

TOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980) \$ 350

VARIANCE CHANGES DURING CURRENT PERIOD:

FACILITY

Design (1) \$ 177

SHOW

Design (2) \$ 3

Production (3) \$ 400

TOTAL VARIANCE THIS PERIOD (JANUARY 24, 1981) \$ 580

TOTAL VARIANCE FRANCE \$ 930

VARIANCE EXPLANATIONS:

- (1) Redesign Effort - Primarily A&E Firm
- (2) Non-Budgeted Design Efforts
- (3) New Film Production Estimate From Studio

PROJECT MGR: BOB MANSFIELD
 BUS ADMIN : JOANNE FERNHOLZ
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: FRANCE

STATUS CONTINUATION

	COST TO DATE	COMMITTED TO DATE	ESTIMATED FINAL COST	BUDGET	VARIANCE
FACILITY	\$1,788,650	\$1,858,672	\$11,198,105	\$10,466,100	\$732,005
SHOW	\$1,100,906	\$1,100,906	\$2,898,082	\$2,700,000	\$198,082
RIDE	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,889,556	\$2,959,578	\$14,096,187	\$13,166,100	\$930,087

GERMANY PAVILION

WED. MAPO and STUDIO-SUMMARY

PROJECT MGR: BOB SMITH
BUS ADMIN: EVAN PHILLIPS
REPORT DATE: FEBRUARY 20, 1981

STATUS

SITUATION:

Bid package was released to
Florida on January 12, 1981.

DATA:

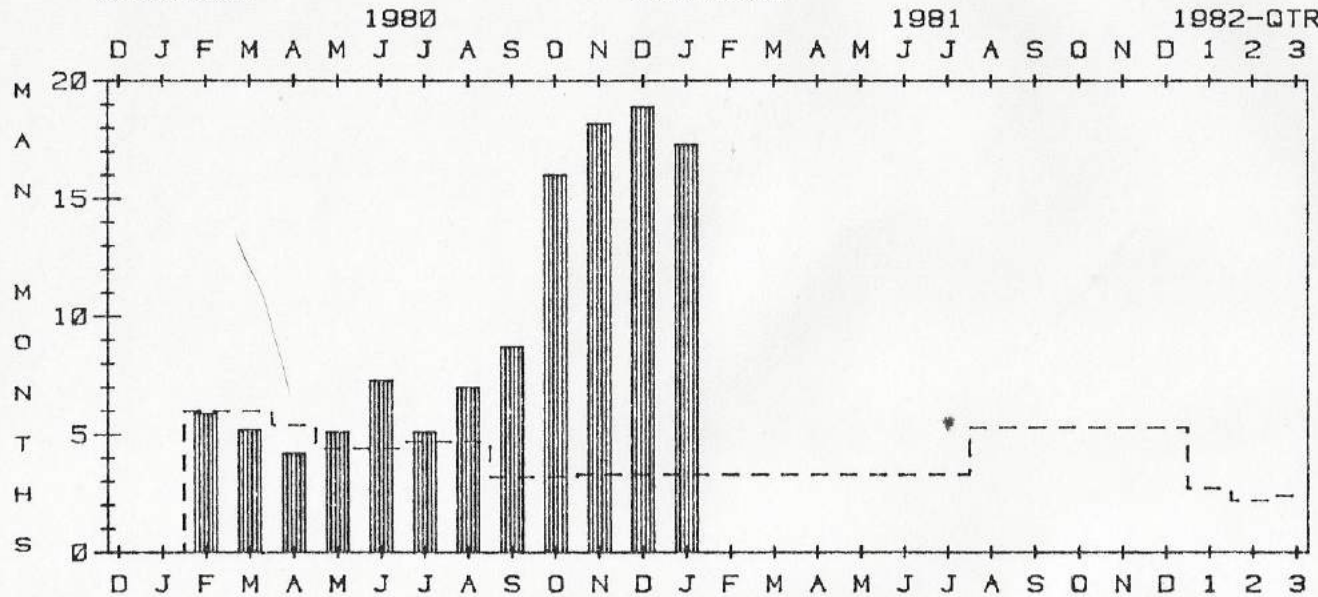
MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
17.3	3.3	14.0

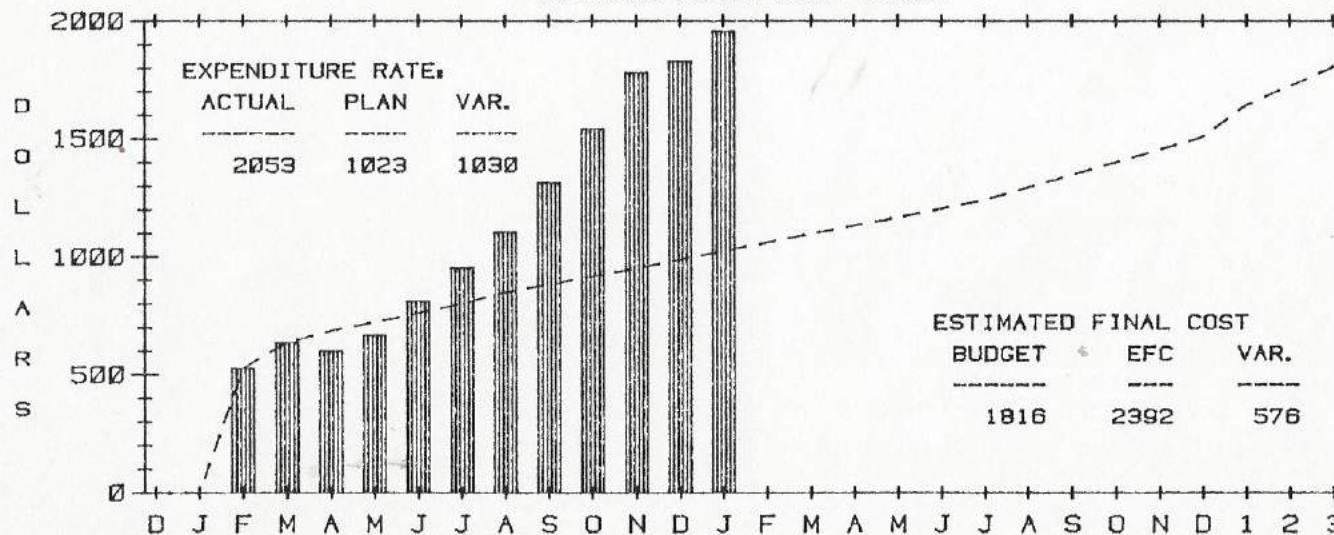
RECOMMENDATION:

PLAN=DASHED
ACTUAL=BARS

MANPOWER



EXPENDITURES (CUM-\$000)



GERMANY

STATUS CONTINUATION

Project Mgr. Bob Smith
Bus. Admin. Evan Phillips
Scheduler Pat Truex
Coordinator Jane Jackson
Report Date February 20, 1981

FACILITY:

1. The drawings and specifications were refined to incorporate the Scope changes resulting from cost reviews. Bid package was released to Florida on January 12, 1981 and included Italy, Germany and Area Development Package "D".
2. Mexico, which had been deleted from the package, will now be released in March along with Area "E".
3. A pre-bid conference for Italy and Germany will take place in February. Bids are due March 5, 1982 and contract award is expected March 19, 1981.
4. Architectural ornamentation must be expedited to meet BVCC's construction requirements.

GERMANY

STATUS CONTINUATION

Project Mgr. Bob Smith
Bus. Admn. Evan Phillips
Scheduler Pat Truex
Coordinator Jane Jackson
Report Date February 20, 1981

(In Thousands)

GERMANY PAVILION

TOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980) \$ 531

VARIANCE CHANGES IN JANUARY:

FACILITY

Design Increase

1. Structural Steel Consultant 45

TOTAL VARIANCE GERMANY PAVILION \$ 576

PROJECT MGR: BOB SMITH
 BUS ADMIN : EVAN PHILLIPS
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: GERMANY

STATUS CONTINUATION

	COST TO DATE	COMMITTED TO DATE	ESTIMATED FINAL COST	BUDGET	VARIANCE
FACILITY	\$2,053,307	\$2,368,434	\$14,915,149	\$14,338,900	\$576,249
SHOW	\$0	\$0	\$0	\$0	\$0
RIDE	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,053,307	\$2,368,434	\$14,915,149	\$14,338,900	\$576,249

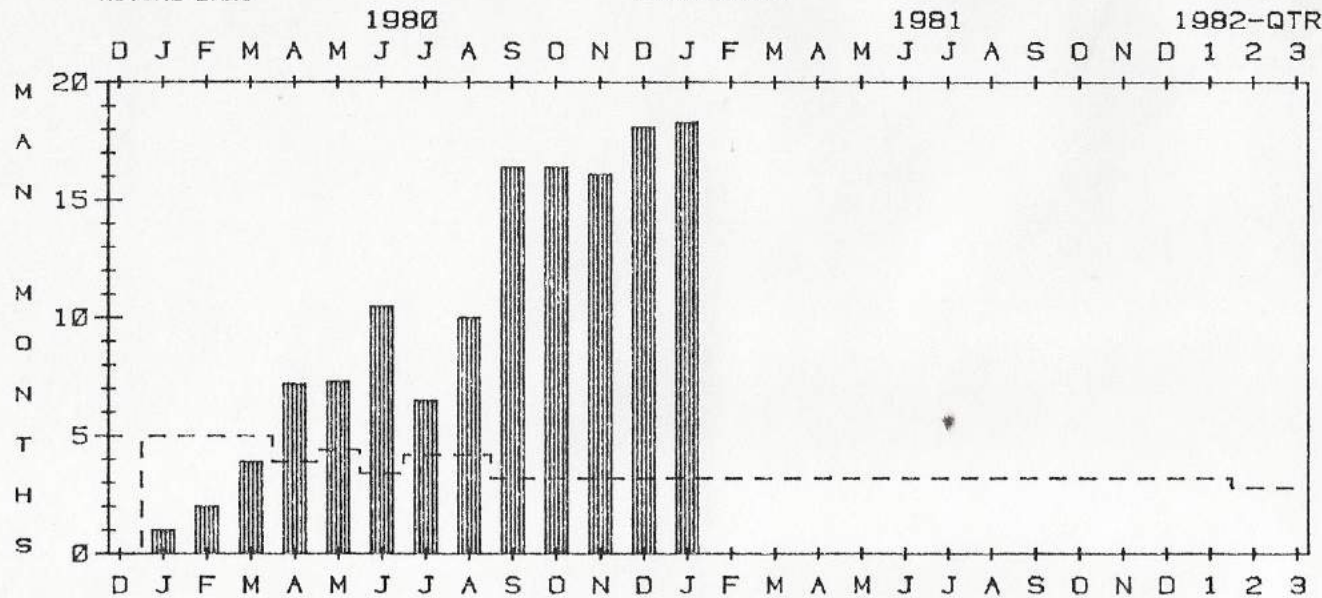
PROJECT MGR: BOB SMITH
 BUS ADMIN: EVAN PHILLIPS
 REPORT DATE: FEBRUARY 20, 1981

ITALY PAVILION

WED. MAPO and STUDIO-SUMMARY

PLAN=DASHED
 ACTUAL=BARS

MANPOWER



STATUS

SITUATION:

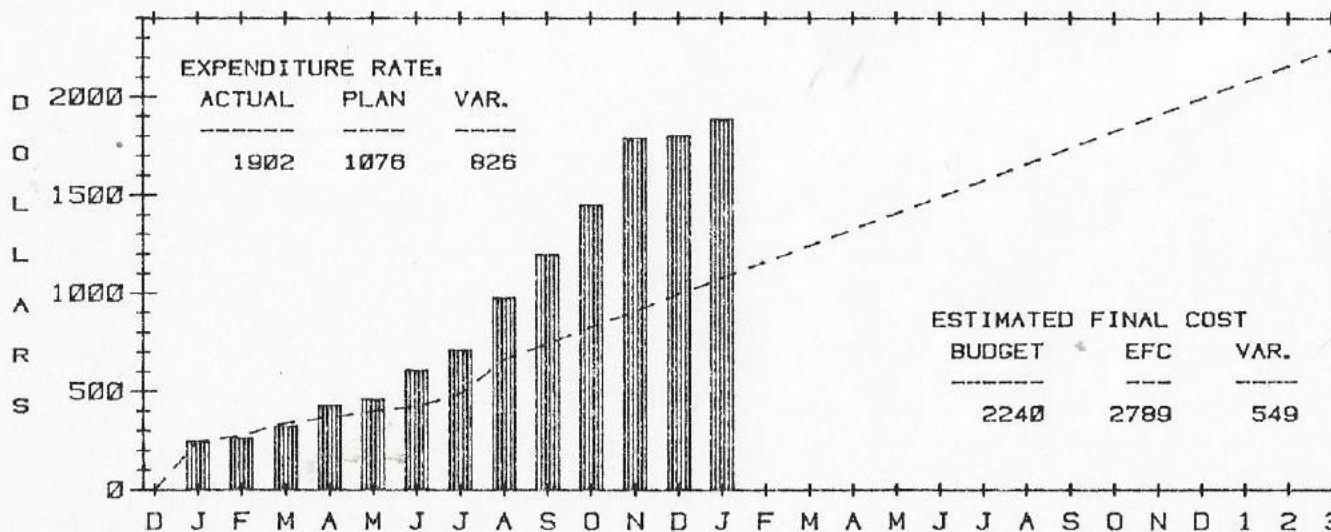
Bid package was released to Florida on January 12, 1981.

DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
18.3	3.2	15.1

EXPENDITURES (CUM-\$000)



EXPENDITURE RATE:

ACTUAL	PLAN	VAR.
1902	1076	826

ESTIMATED FINAL COST

BUDGET	EFC	VAR.
2240	2789	549

RECOMMENDATION:

ITALY
STATUS CONTINUATION

Project Mgr. Bob Smith
Bus. Admin. Evan Phillips
Scheduler Dave Yanchar
Coordinator Pete Rahill
Report Date February 20, 1981

FACILITY:

1. The drawings and specifications were refined to incorporate the Scope changes resulting from cost reviews. Bid package was released to Florida on January 12, 1981 and included Italy, Germany and Area Development Package "D".
2. Mexico, which had been deleted from the package, will now be released in March, along with Area "E".
3. A pre-bid conference for Italy and Germany will take place in February. Bids are due March 5, 1981 and contract award is expected March 19, 1981.
4. Architectural ornamentation must be expedited to meet BVCC's construction requirements.

ITALY

STATUS CONTINUATION

Project Mgr. Bob Smith
Bus. Admn. Evan Phillips
Scheduler Dave Yanchar
Coordinator Pete Rahill
Report Date February 20, 1981

(In Thousands)

ITALY PAVILION

VARIANCE TOTAL FROM DECEMBER \$ 412

VARIANCE CHANGES IN JANUARY:

FACILITY

Design Increase 137

TOTAL VARIANCE ITALY PAVILION \$ 549

VARIANCE EXPLANATIONS:

- (1) Structural Steel Consultant
- (2) A & E Cost Reduction Changes

PROJECT MGR: BOB SMITH
 BUS ADMIN : EVAN PHILLIPS
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: ITALY

STATUS CONTINUATION

	<u>COST TO DATE</u>	<u>COMMITTED TO DATE</u>	<u>ESTIMATED FINAL COST</u>	<u>BUDGET</u>	<u>VARIANCE</u>
FACILITY	\$1,902,307	\$2,538,500	\$9,182,838	\$8,634,300	\$548,538
SHOW	\$0	\$0	\$0	\$0	\$0
RIDE	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,902,307	\$2,538,500	\$9,182,838	\$8,634,300	\$548,538

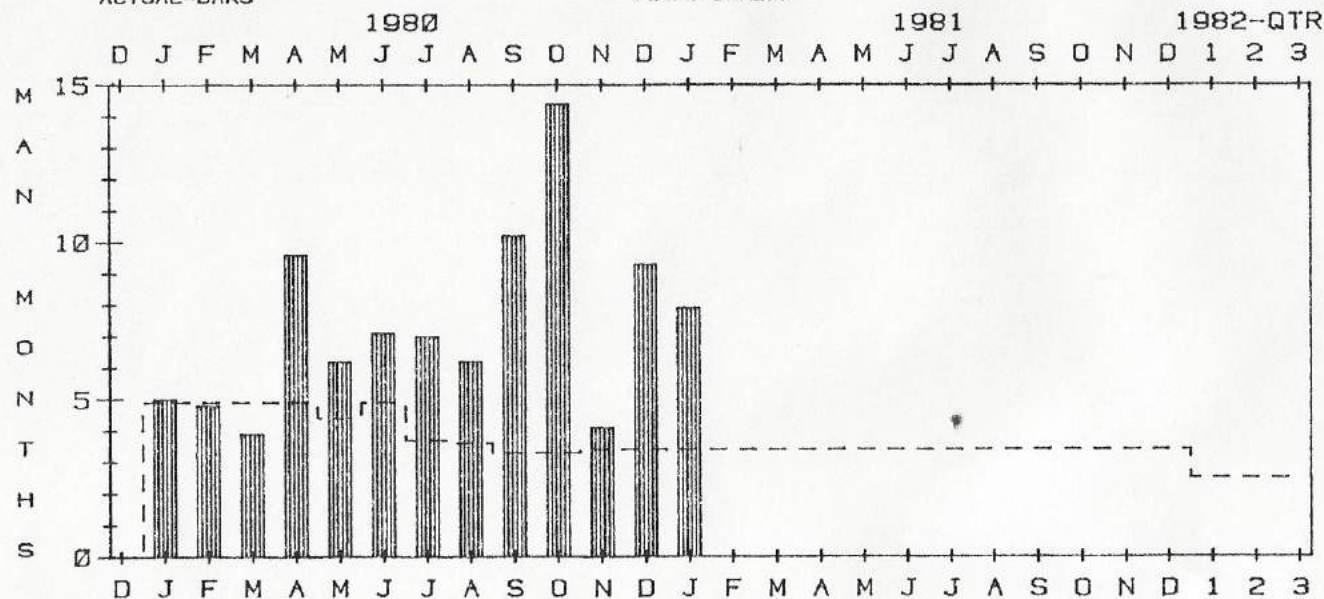
JAPAN PAVILION

WED. MAPO and STUDIO-SUMMARY

PROJECT MGR: BOB MANSFIELD
BUS ADMIN: JOANNE FERNHOLZ
REPORT DATE: FEBRUARY 20, 1981

PLAN=DASHED
ACTUAL=BARS

MANPOWER



STATUS

SITUATION:

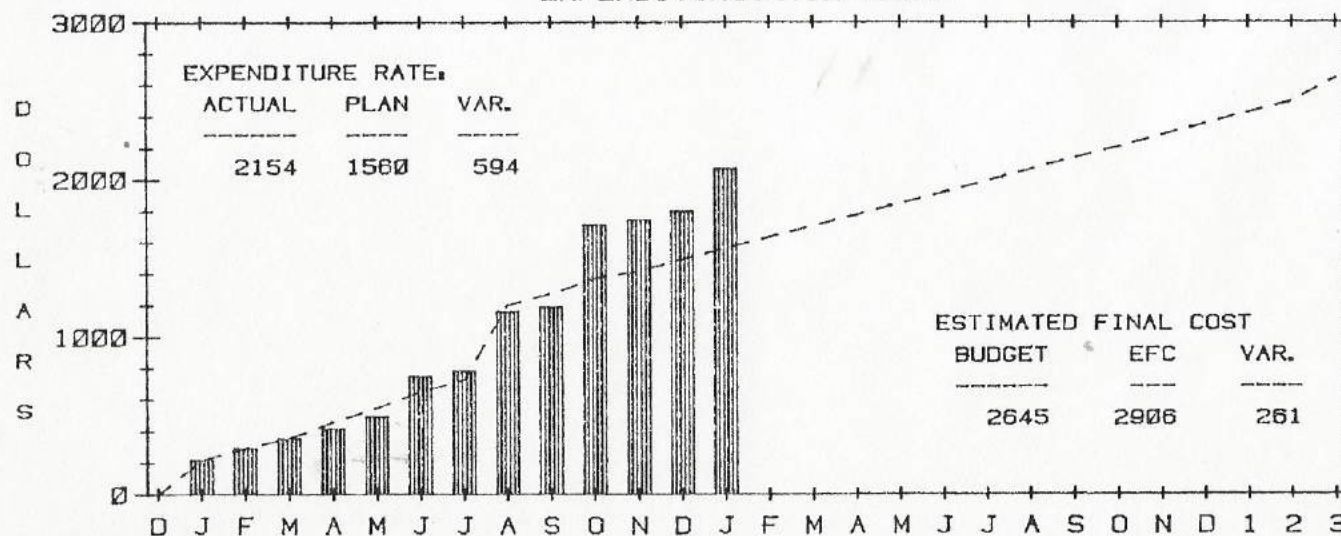
Facility bid package to be released February 19, 1981. Contract to be awarded in April.

DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
7.9	3.4	4.5

EXPENDITURES (CUM-\$000)



RECOMMENDATION:

JAPAN PAVILION

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. Joanne Fernholz
Scheduler Janis Spice
Coordinator Pete Rahill
Report Date February 20, 1981

A. FACILITY

1. Revisions to the facility package continue, working toward a release to Florida on February 19, 1981. Based on this release date, Award of Contract is expected by April 23, 1981 (4 months behind the Master Milestone Schedule.)
2. Walt Disney World Staff Shop received the mold of the tile roof section on January 5, 1981. This section will serve as the master guide in developing remaining tiled roof areas.
3. A complete set of facade production drawings for the main facility entry castle was released to Florida on January 19, 1981.

B. SHOW

1. Phase II Show Development must begin immediately to support the Master Milestone Schedule which indicates a February 2, 1981 date for Management review of the study model.

JAPAN
STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. Joanne Fernholz
Scheduler Janis Spice
Coordinator Pete Pahill
Report Date February 20, 1981

(In Thousands)

VARIANCE RECAP

TOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980) \$ (142)

VARIANCE CHANGES DURING CURRENT PERIOD:

FACILITY

Design (1), (2), (3) \$ 403

TOTAL VARIANCE THIS PERIOD (JANUARY 24, 1981)* \$ 403

TOTAL VARIANCE JAPAN \$ 261

VARIANCE EXPLANATIONS:

(1) General Revisions	\$ 70
(2) Mitsukoshi's Redesign Requirements	\$252
(3) Non-Budgeted Design Efforts	\$ 81

PROJECT MGR: BOB HANSFIELD
 BUS ADMIN : JOANNE FERNHOLZ
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: JAPAN

STATUS CONTINUATION

	COST TO DATE	COMMITTED TO DATE	ESTIMATED FINAL COST	BUDGET	VARIANCE
FACILITY	\$2,156,479	\$2,481,580	\$21,766,910	\$21,505,800	\$261,110
SHOW	\$0	\$0	\$0	\$0	\$0
RIDE	\$0	\$0	\$0	\$0	\$0
TOTAL	\$2,156,479	\$2,481,580	\$21,766,910	\$21,505,800	\$261,110

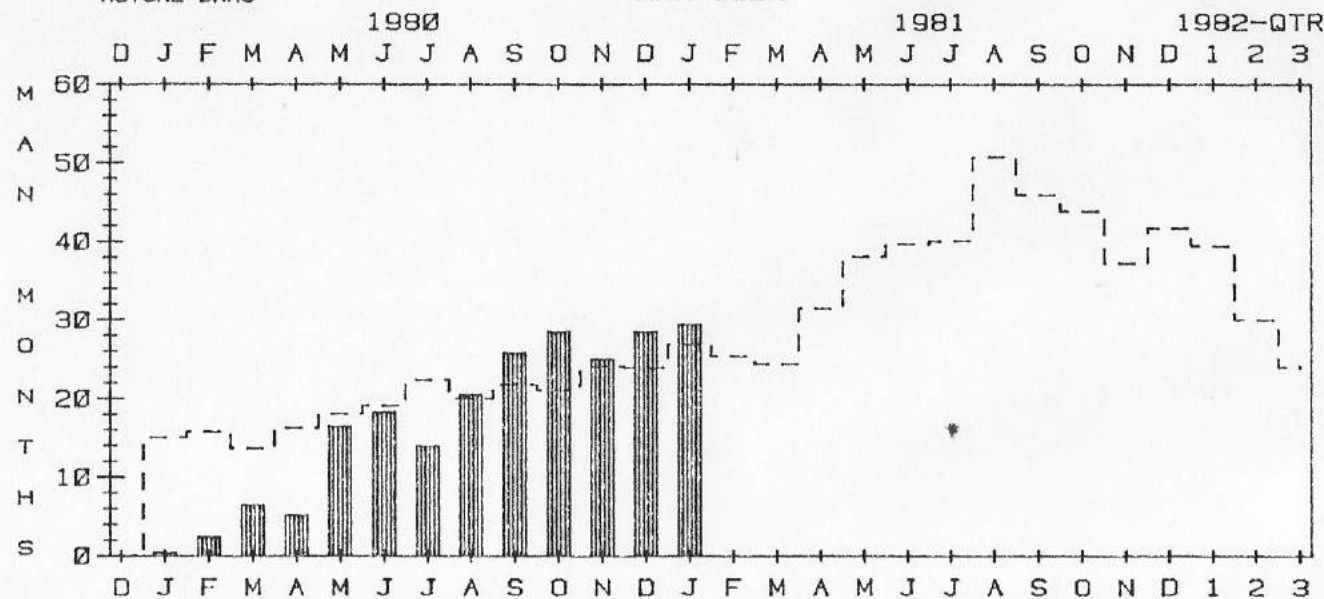
MEXICO PAVILION

WED, MAPO and STUDIO-SUMMARY

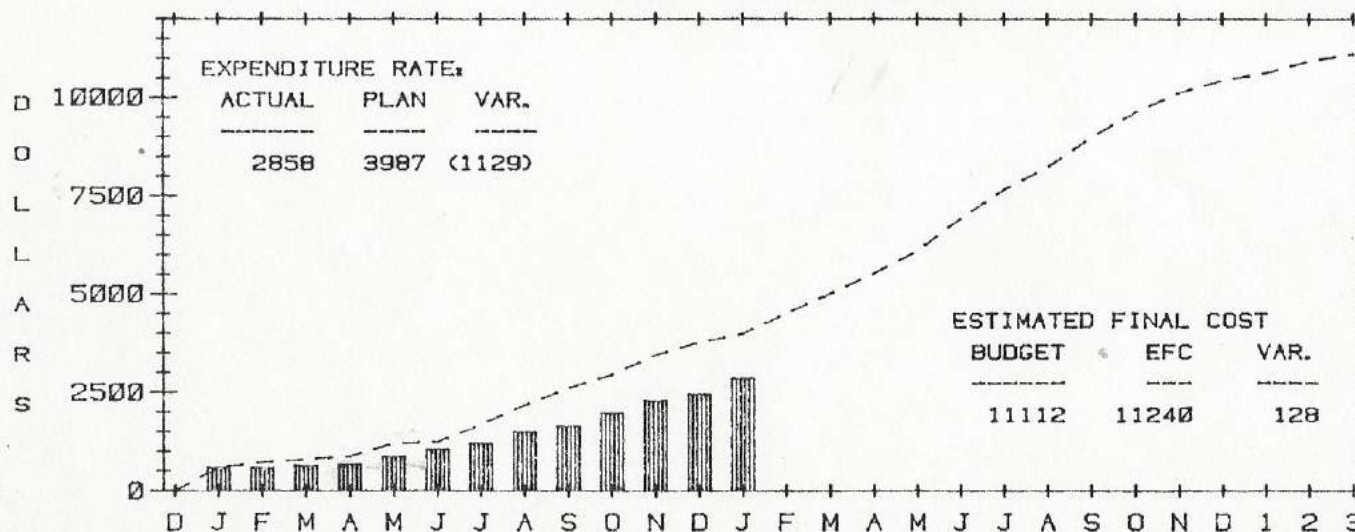
PROJECT MGR: BRUCE DUNFORD
BUS ADMIN: EVAN PHILLIPS
REPORT DATE: FEBRUARY 20, 1981

PLAN=DASHED
ACTUAL=BARS

MANPOWER



EXPENDITURES (CUM-\$000)



STATUS

SITUATION:

Bid package to Florida is now reset for March 19, 1981.

DATA:

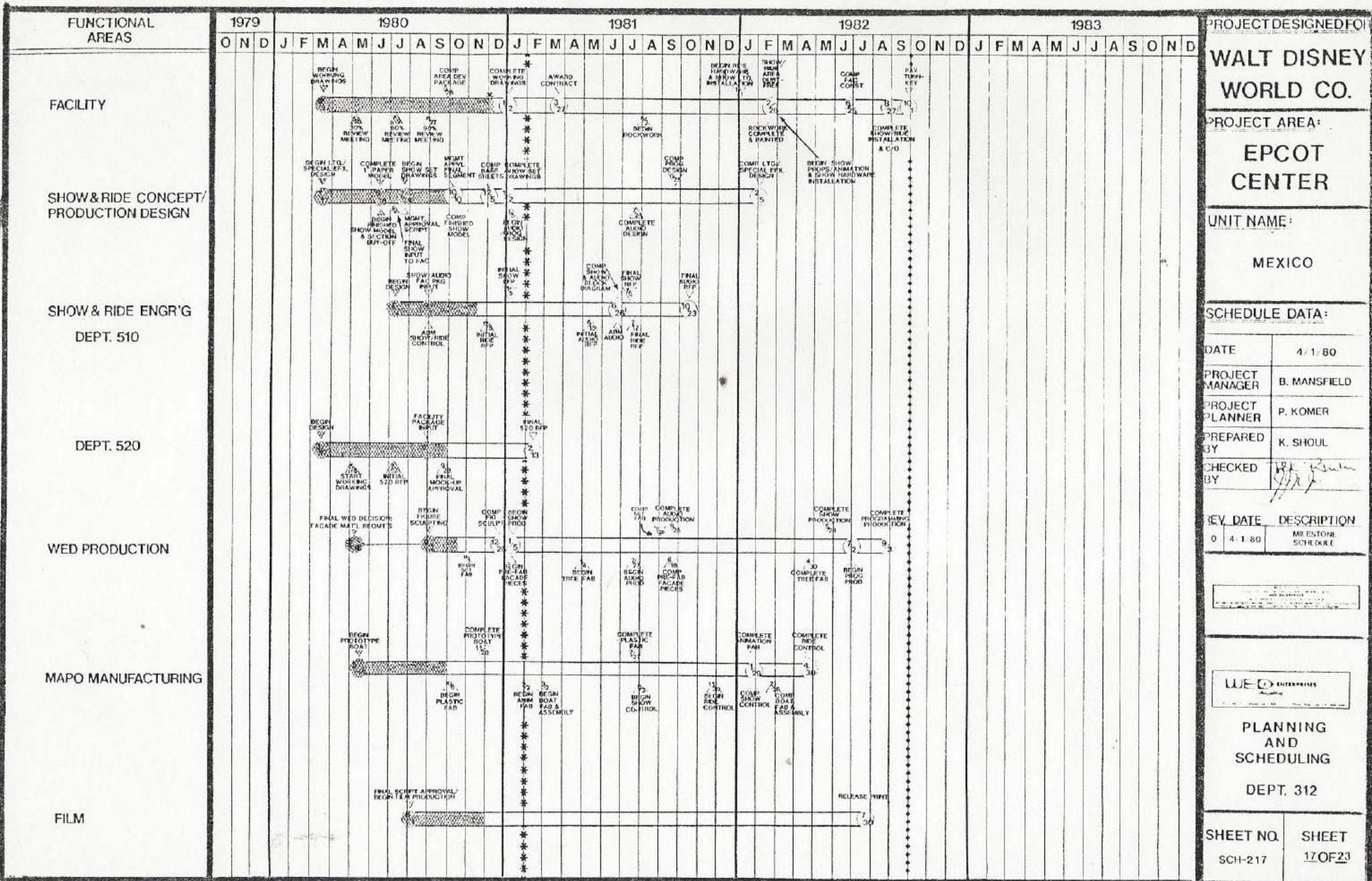
MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
29.5	26.9	2.6

MANAGEMENT ACTION ITEMS:

Potential problem of \$3 million due to Artificial Foliage, Film, Special Effects, Tree Of Life, Animated Figures, and Design. Action has been taken to reduce the scope in all areas (Facility, Show, Ride) to bring Mexico Pavilion in on Target Budget.

RECOMMENDATION:



MEXICO

STATUS CONTINUATION

Project Mgr. Bruce Dunford
Bus. Admin. Evan Phillips
Scheduler Tom Lee
Coordinator Carole Mitchell
Report Date February 20, 1981

FACILITY:

Budgetary considerations have led to a reduction of the building size by approximately 9,600 Sq. Ft. The facility bid package has been withheld from bid release in order to incorporate this change on the drawings. The WED release of the facility bid package to Florida is now reset for March 19, 1981. Assuming a June 5, 1981 Notice to Proceed 14 month facility construction span, the construction completion date will be July 30, 1982. Allowing two months beyond this completion for show/ride and facility check-out, pushes the pavilion turn-key to September 27, 1981.

SHOW:

Budgetary reductions in the show have been brought into effect. Adjustments include:
A reduction in rockwork and foliage requirements, the elimination of audio-animatronic figures in Scene 1,
A reduction in the show content and number of scenes (former Scenes 6, 7, 10, 11 have been entirely eliminated).

RIDE:

Drawings for the hull, frame, and components of the standard boat have been completed and are ready for checking.

The new ride lay-out reduces the channel length from 1,172 feet to 824 feet. The 26-boat fleet will be reduced to 16 boats if a 6 1/3 minute show is developed, or reduced to 20 boats if a 8 1/2 minute show is developed. Mechanical equipment (boat stops, swithces, dams) has been altered in complexity. Basicly, Pirate Ride Design is now being used.

MEXICO

STATUS CONTINUATION

Project Mgr. Bruce Dunford
Bus. Admin. Evan Phillips
Scheduler Tom Lee
Coordinator Carole Mitchell
Report Date February 20, 1981

TOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980)

\$128

SHOW

Total Variance This Period (January 1981)
(Bid Variance)

\$0

TOTAL VARIANCE MEXICO

\$128

PROJECT MGR: BRUCE DUNFORD
 BUS ADMIN : EVAN PHILLIPS
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: MEXICO

STATUS CONTINUATION

	<u>COST TO DATE</u>	<u>COMMITTED TO DATE</u>	<u>ESTIMATED FINAL COST</u>	<u>BUDGET</u>	<u>VARIANCE</u>
FACILITY	\$1,602,979	\$2,143,800	\$14,046,200	\$14,046,200	\$0
SHOW	\$1,122,688	\$1,644,500	\$7,728,000	\$7,600,000	\$128,000
RIDE	<u>\$132,333</u>	<u>\$183,456</u>	<u>\$3,000,000</u>	<u>\$3,000,000</u>	<u>\$0</u>
TOTAL	<u>\$2,858,000</u>	<u>\$3,971,756</u>	<u>\$24,774,200</u>	<u>\$24,646,200</u>	<u>\$128,000</u>

UNITED KINGDOM PAVILION

WED, MAPO and STUDIO-SUMMARY

PROJECT MGR: BOB MANSFIELD
BUS ADMIN: EVAN PHILLIPS
REPORT DATE: FEBRUARY 20, 1981

STATUS

SITUATION:

Contract awarded December 17, 1980
to Pepper Construction Company.

DATA:

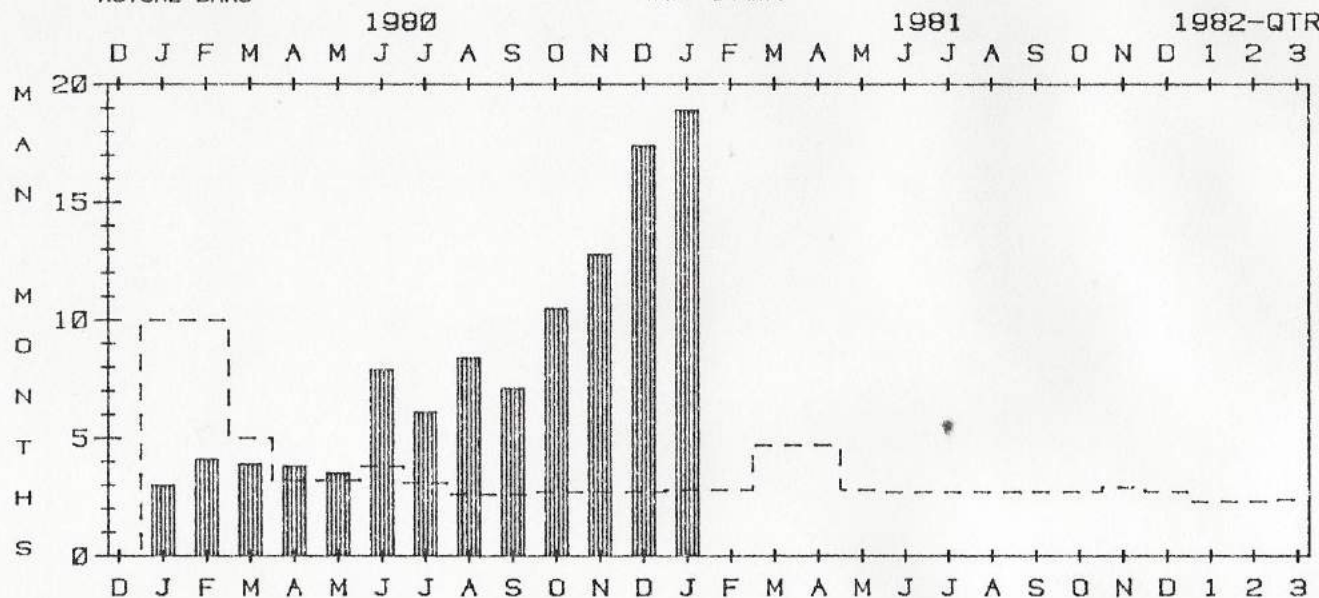
MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
18.9	2.8	16.1

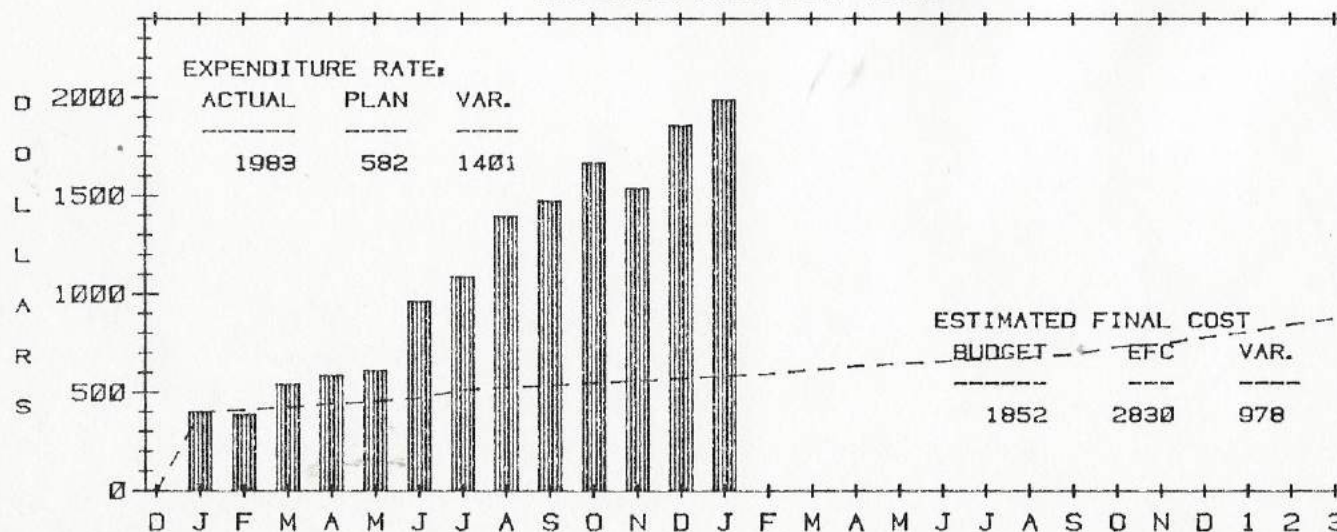
RECOMMENDATION:

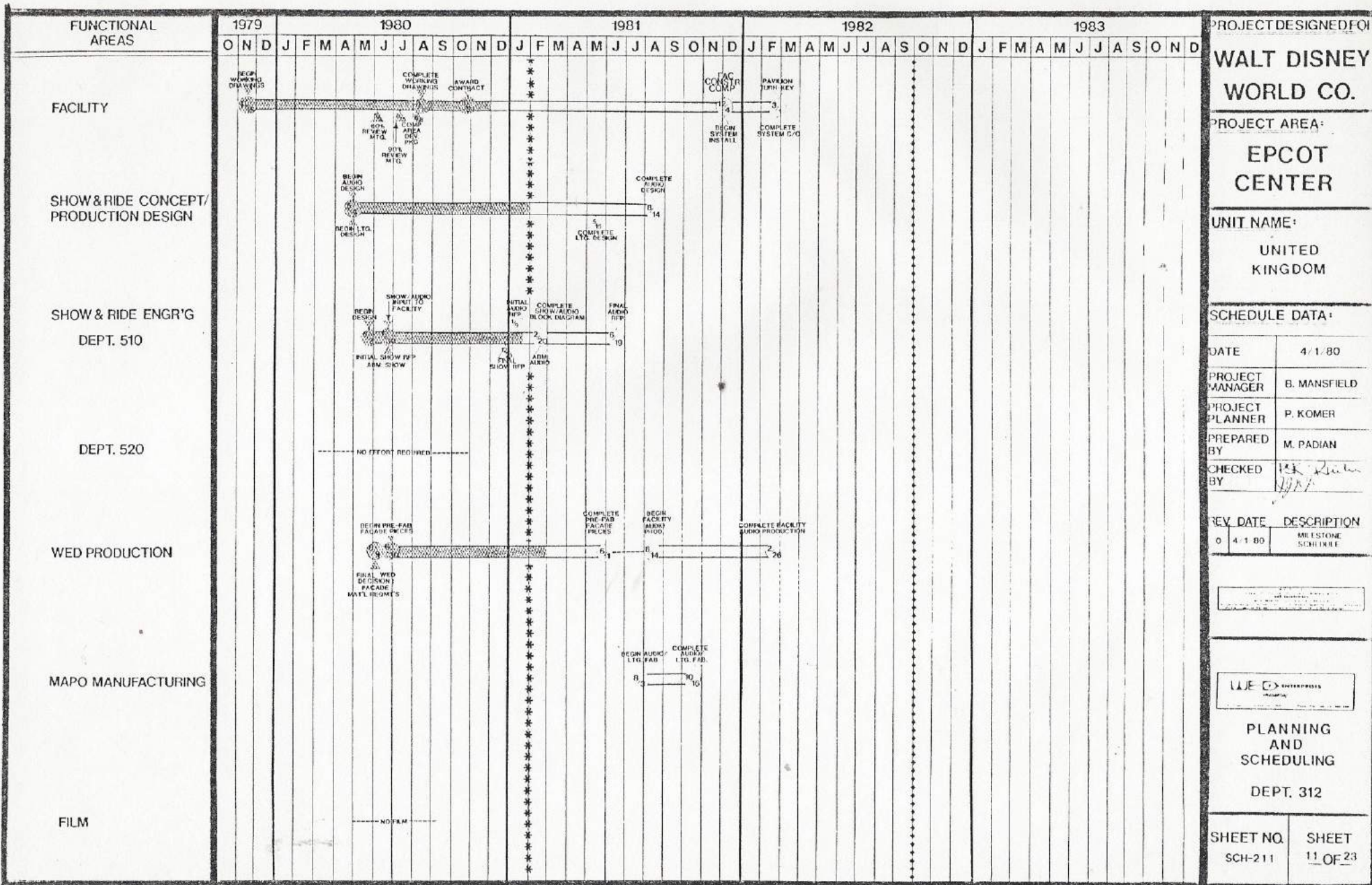
PLAN=DASHED
ACTUAL=BAR

MANPOWER



EXPENDITURES (CUM-\$000)





UNITED KINGDOM

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. Evan Phillips
Scheduler Dave Yanchar
Coordinator Alan Bourgeois
Report Date February 20, 1981

A. FACILITY

1. The contract for United Kingdom, Canada, and Area Development Package "A" was awarded December 17, 1980 to Pepper Construction Company of Illinois.
2. Notice to Proceed date is January 7, 1981. Construction is scheduled to complete March 15, 1982, with Area Development to finish May 21, 1982.
3. The Production of Staff Ornamentation is a potential problem and must be expedited to meet BVCC's construction strategies (all architectural ornamentation is requested to be fabricated, delivered and warehoused in Florida by April 1, 1981. Release date for drawings is expected February 27, 1981.
4. A departmental review of the Interiors revised budget was held January 27, 1981.

UNITED KINGDOM

STATUS CONTINUATION

Project Mgr. Bob Mansfield
Bus. Admin. Evan Phillips
Scheduler Dave Yanchar
Coordinator Alan Bourgeois
Report Date February 20, 1981

TOTAL VARIANCE FROM MONTH END (NOVEMBER 29, 1980)

\$ 978

FACILITY:

Total Variance This Period (January 1981)
(Bid Variance)

\$560

TOTAL VARIANCE UNITED KINGDOM

\$1,538

PROJECT MGR: BOB HANSFIELD
 BUS ADMIN : EVAN PHILLIPS
 REPORT DATE: FEBRUARY 20, 1981

PROJECT: UNITED KINGDOM

STATUS CONTINUATION

	COST TO DATE	COMMITTED TO DATE	ESTIMATED FINAL COST	BUDGET	VARIANCE
FACILITY	\$1,983,218	\$2,350,000	\$9,642,995	\$8,104,600	\$1,538,395
SHOW	\$0	\$0	\$0	\$0	\$0
RIDE	\$0	\$0	\$0	\$0	\$0
TOTAL	\$1,983,218	\$2,350,000	\$9,642,995	\$8,104,600	\$1,538,395

EQUATORIAL AFRICA

STATUS CONTINUATION

Project Mgr. Jeff Burton

Bus. Admin. Ann Heise

Scheduler Eddie Nunez

Coordinator Paul Eisenbrown

Report Date February 20, 1981

A. FACILITY

1. The scope of opening day effort is as follows:
 - a. Promenade
 - b. Beach Area, including rockwork and three war canoes
 - c. Themed construction fence
 - d. Partial rockwork along Promenade
 - e. Limited Cultural Center Facade along Promenade
2. Management is seeking a June, 1983 opening for the remainder of the Pavilion.
(This is a compressed schedule).
3. Safari walk-thru may not be necessary to complete the total show concept.

B. SHOW

1. Phase II Scope of Effort needs to be clarified.

CHINA

STATUS CONTINUATION

Project Mgr. Jeff Burton
Bus. Admin. Ann Heise
Scheduler Tom Lee
Coordinator Paul Eisenbrown
Report Date February 20, 1981

A. FACILITY

1. Effort continues on developing a Level III Package by February 27, 1981.
2. The scope of effort for opening day is as follows:
 - a. Circlevision Theatre
 - b. Art Gallery
 - c. Merchandising Area
 - d. Promenade
 - e. Temporary Landscape to be replaced by Future Restaurant.

B. SHOW

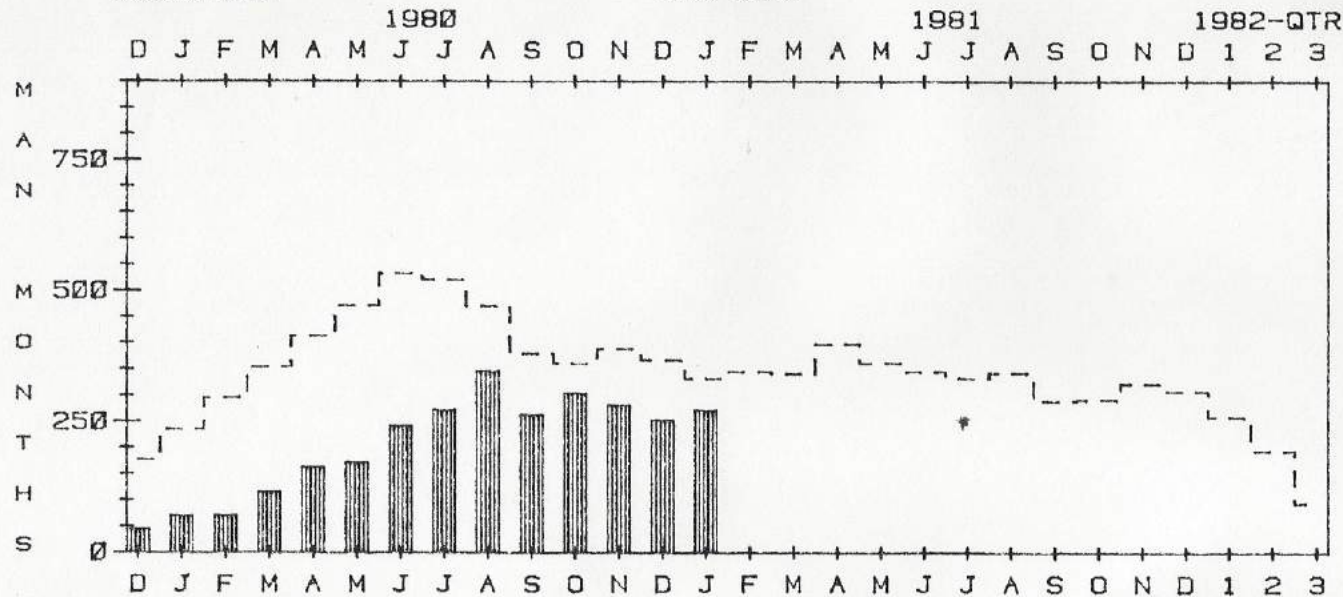
1. Circlevision's show is approximately 20 minutes.
2. Clearance is presently being sought to film in various locations throughout China.

TOKYO DISNEYLAND

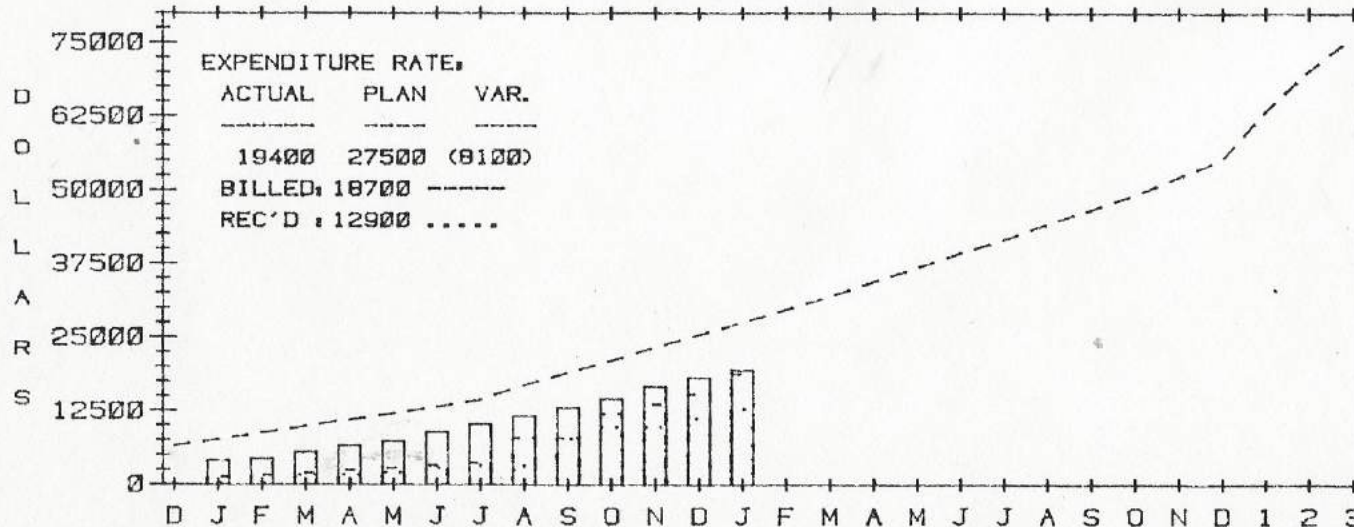
OVERALL

PLAN=DASHED
ACTUAL=BAR

MANPOWER



EXPENDITURES (CUM-\$000)



PROJECT MGR: TOM JONES
BUS ADMIN: JACK SHISHIDO
REPORT DATE: FEBRUARY 20, 1981

STATUS

SITUATION:

Project continues to lag substantially behind plan in both manpower and expenditures.

DATA:

MANMONTHS FOR JANUARY

ACTUAL	PLAN	VARIANCE
272	332	(60)

Production and engineering costs-to-date are 57% of the plan as presented to OLC. Actuals for the month again fell short of plan. Cumulative project man-month shortfall (all areas) is 2,428 man months. Cumulative expenditure shortfall is \$8.1 million, as shown at left.

RECOMMENDATION:

Update project budget with revised schedule data and analyze the cost impact and TDL recovery prospects during EPCOT production.

STATUS CONTINUATION

LAND AND AREA SUMMARY

SITE DEVELOPMENT

Major site preparation and grading continues for all Areas. Planting of large specimen trees has begun. The construction companies Kajima, Taisei, Mitsui and Shimizu plan to begin site mobilization mid-March.

UTILITIES

The four construction companies will construct utilities in their assigned areas using the JPC master utility plan. This plan is currently being developed and will be used to insure a uniform utility layout.

SERVICE AREA

Consideration is being given to an early construction of the Central Computer Facility in order to insure that DACS equipment is on-line to support show installation as required by schedule (June, 1982).

PARKING LOT

Final decision of the design for the parking lot area is still being negotiated between Oriental Land Company and Tokyo Planning Center.

MAIN GATE

*Oriental Land Company preliminary drawings are scheduled to be complete on June 10, 1981 and construction is scheduled to begin on August 20, 1981 by Kajima Construction Company.

WORLD BAZAAR

The Oriental Land Company preliminary drawings are scheduled to be complete on March 10, 1981. Working drawings will be complete on May 20, 1981 with construction to begin immediately by Kajima Construction Company.

TOKYO DISNEYLAND
STATUS CONTINUATION

LAND AND AREA SUMMARY
(Continued)

ADVENTURELAND

1. Pirates of the Caribbean: Construction of the Pirates Complex is scheduled to begin April 11, 1981 by Kajima Construction Company. Manufacturing of all animated figures, animated props, and show action equipment is complete. The Battle Scene, Chase Scene, and Well Scene have been programmed. The ride vehicle is presently being tested at Walt Disney World.
2. Tiki Room: All MAPO Plastic Fabrication has been completed. Animation manufacturing is continuing at the Only Company and is on schedule. Construction of facility is scheduled to begin May 20, 1981 by Shimizu Construction Company.
3. Jungle Cruise: Facility construction is scheduled to begin on April 11, 1981 by Shimizu Construction. Animation manufacturing at Walt Disney World is on schedule and programming will begin April 6, 1981.

WESTERNLAND

1. Bear Band: Construction of the Bear Band Complex is scheduled to begin April 11, 1981 by the Shimizu Construction Company. Animation manufacturing has not started at Walt Disney World, but is anticipated to begin in early February.
2. Shooting Gallery: Show Set Drawings have begun and are scheduled to be complete by mid-April 1981.
 - Target designs are in progress and nearing completion.

FANTASYLAND

1. Mickey Mouse: The Three Little Pigs Scene has been rehabed by MAPO and is presently in figure finishing prior to being programmed. Audio tapes and musical scores have been sent to Japan for translation (WED needs translations returned prior to March in order to begin programming March 2, 1981).

STATUS CONTINUATION

LAND AND AREA SUMMARY
(Continued)

FANTASYLAND (Continued)

2. Small World: Manufacturing has begun at Toho Studios (Japan). Animation Manufacturing of Toys at Walt Disney World continues on schedule. Construction of the facility is scheduled to begin April 11, 1981 by Taisei Construction Company.
3. Skyway: Existing route has been redesignated to eliminate dogleg, which caused operational problems. New route is a straight line from Space Mountain to west side of Small World Facility has received management approval with JPC concurrence.

TOMORROWLAND

1. Meet The World: Preliminary Facility Drawings have been completed and management approval with corrections have been given. The drawings are currently being reworked. Show concept has been approved and a presentation is scheduled the beginning of March in Japan.
2. Circlevision: Script development is still in process.

STATUS CONTINUATION

FUNCTION SUMMARY

FACILITY

1. Design/Construction Strategy: Azusa Company has been designated to produce preliminary facility design drawings and is scheduled to release a drawing package for government permit for the first Confirmation and Application group by February 5, 1981. The four selected Japanese Engineering/Construction firms will use these drawings to produce their working drawings. Facility construction has been divided into three phases by Kajima, Shimizu, Taisei, and Mitsui Construction companies.

Phase I construction is scheduled to begin April 11, 1981 and will include:

Kajima - Pirates Complex
Shimizu - Jungle Cruise; Bear Band Complex; Tom Sawyer's Island; Rivers of America
Taisei - Castle; Small World; Haunted Mansion
Mitsui - Space Mountain; Star Jets

Phase II construction is scheduled to begin May 20, 1981 and will include:

Kajima - World Bazaar; Wardrobe
Shimizu - Crystal Palace; Tiki Room; Adventureland Shops; Primeval Diorama; Golden Horseshoe Complex
Taisei - West Show Bldg. (Mickey Mouse Revue & Pinocchio); East Show Bldg. (Snow White & Peter Pan)
Mitsui - South Show Bldg. (Japan 200⁰); North Show Bldg. (Circlevision); Meet The World

Phase III construction is scheduled to begin August 20, 1981 and will include:

Kajima - Main Gate
Shimizu - Polynesian Restaurant; Bandstand
Taisei/Mitsui - Skyway
Mitsui - Grand Prix

2. On-going Field Work: Site development work is continuing and the planting of large specimen trees has begun.

STATUS CONTINUATION

FUNCTION SUMMARY
(Continued)

SHOW DESIGN

Show Design efforts are complete except for Meet The World and Shooting Gallery. Shooting Gallery show set design is currently in progress and expected completion is April 17, 1981. Meet The World show concept is scheduled for a presentation in Japan the beginning of March.

ENGINEERING

Oriental Land Company has agreed to complete the Audio System design in Japan. Matsushita has been designated to complete the Audio Systems design. WED Audio Engineering will supply design criteria to Matsushita.

MANUFACTURING AND PRODUCTION

Manufacturing priorities have been established within MAPO to initiate an effective work flow. Though show elements currently in production are one month behind schedule overall this presents no impact to the project at the present time. Manufacturing has begun in Toho Studios on Small World Dolls.

Project Mgr. Tom Jones
 Bus. Admin. Phil Herley
 Report Date February 20, 1981

STATUS CONTINUATION

(\$000)

TOTAL TOKYO DISNEYLAND

EFC SUMMARY

	<u>CTD</u>	<u>BUDGET</u>	<u>EFC</u>	<u>VARIANCE</u>	<u>% OVER/UNDER</u>
Show	\$ 8,308	\$34,351	\$32,527	\$ (1,824)	(5)
Ride	741	3,496	3,018	(478)	(17)
Equipment ^③	331	8,206	8,206	Ø	Ø
Manufacturing Engineering	1,737	5,805	5,662	(143)	(3)
General Requirements	<u>92</u>	<u>1,041</u>	<u>1,050</u>	<u>9</u>	<u>-</u>
Sub-total	\$11,209	\$52,899	\$50,463	\$ (2,436)	(5)
General Purpose Ride Control ^①	-	Ø	243	243	-
Overhead Adjustment ^②	-	Ø	2,920	2,920	-
Adjusted Book Value ^④	<u>-</u>	<u>Ø</u>	<u>423</u>	<u>423</u>	<u>-</u>
*TOTAL	<u>\$11,209</u>	<u>\$52,899</u>	<u>\$54,049</u>	<u>\$ 1,150</u>	<u>2</u>
Total Last Month	<u>\$10,429</u>	<u>\$56,959</u>	<u>\$60,119</u>	<u>\$ 2,156</u>	<u>4</u>

- ① ¼ of \$970,000 total (assumes use on Pirates, Small World, Space Mountain, Spaceship Earth Transportation, Energy, Century 3, Mexico, Land, Imagination, Sea and Germany).
 ② 13% average increase to labor per overhead study
 ③ Includes Ice Cream/Popcorn Wagons, Main Street Arcade, Area Audio, DACS, Tomorrowland Arcade.
 ④ Mickey Mouse Revue book value.



PLANNING & SCHEDULING

HOUSTON WEDWAY

STATUS CONTINUATION

Project Mgr. Dick Fox
Bus. Admin. Ron Carman
Scheduler John Robinette
Coordinator Mike Randall
Report Date February 20, 1981

The overall project is behind schedule and the current budget variance is projected to be \$1,287,329 over. The variances total \$400,032 up from last month

The following is a list of assemblies that are 100% complete and shipped to Houston.

Track	Speed Sensors
Switches	Station Sensors
Wireways	Safety Brake Sensors
Brake Assemblies	Cable Termination Boxes
Motor Modules	Station Motor Control Centers
Service Tug	Cruise Motor Control Cabinets
Central PLC Controls	SCR Control Cabinets
Cables and Connectors	CCTV (Central)
Station Assemblies	
Station Controls and Logic	

This represents only 50% of the total Production Budget. Some items are undergoing rework and modifications based on installation problems and test results. I have made an attempt to 'guess' the dollar magnitude in the new estimated final costs.

HOUSTON WEDWAY

PROJECT FINANCE REPORT

Design And Production

Summary

	<u>COST TO</u> <u>DATE</u> <u>1-31-81</u>	<u>ESTIMATED</u> <u>TO</u> <u>COMPLETE</u>	<u>ESTIMATED</u> <u>FINAL</u> <u>COST</u>	<u>BUDGET</u>	<u>VARIANCE</u>
<u>Management</u>	\$ 494,295	\$ 46,159	\$ 540,454	\$ 495,499	\$ 44,955
<u>Engineering</u>	2,700,975	1,088,244	3,789,219	3,113,318	675,901
<u>Vehicles</u>	908,677	62,939	971,616	1,092,913	(121,297)
<u>Guideways, Beams</u> <u>And Switches</u>	1,358,537	63,313	1,421,850	1,576,421	(154,571)
<u>Controls &</u> <u>Communications</u>	1,420,952	292,742	1,713,694	1,617,138	(96,556)
<u>Stations</u>	733,090	40,290	773,380	479,464	293,916
<u>Spare Parts</u> <u>& Tools</u>	214,316	138,387	352,703	301,753	50,950
SUB-TOTAL	\$ 7,830,842	\$ 1,732,074	\$ 9,562,916	\$ 8,676,506	\$ 886,410
<u>Approved Joint</u> <u>Venture Transfers</u>	\$ 37,188	\$ -0-	\$ 37,188	\$ -0-	\$ 37,188
<u>Pending Joint</u> <u>Venture Transfer</u>	\$ -0-	\$ 111,393	\$ 111,393	\$ -0-	\$ 111,393
<u>Interim Bus</u> <u>Operations</u>	\$ 376,195	\$ 157,365	\$ 529,950	\$ 477,000	\$ 52,950
(1) <u>Allocation To 'D'</u>	\$ -0-	\$ -0-	\$ -0-	\$ (199,388)	\$ 199,388
TOTAL DISNEY	\$ 8,244,225	\$ 2,000,832	\$ 10,241,447	\$ 8,954,118	\$ 1,287,329

(1) Management approved allocation to the Terminal 'D' bid price. This amount is not included as a reimbursable until the Terminal 'D' Contract is awarded.

PREPARED BY: R. H. CARMAN 2-18-81

HOUSTON WEDWAY
PROJECT FINANCE REPORT
DESIGN AND PRODUCTION
DETAIL

		COST FOR PERIOD (A)	COST TO DATE 1-31-81	ESTIMATED FINAL COST	BUDGET	VARIANCE	CTD . --- . BUDGET	VARIANCE FROM LAST MONTH
Proposal Prep.	\$	-0-	\$ 215,402	\$ 215,402	\$ 169,087	\$ 46,315		
Allocation to 'D'		-0-	-0-	-0-	(30,233)	30,233		
Test Track		-0-	40,866	40,866	35,866	4,888		
Project Management		11,659	150,948	188,541	213,724	(25,183)		
Freight		7,921	87,079	95,645	76,710	18,935		
TOTAL MANAGEMENT	\$	<u>19,580</u>	\$ <u>494,295</u>	\$ <u>540,454</u>	\$ <u>465,266</u>	\$ <u>75,188</u>	106	\$ <u>0</u>
Project								
Engineering	\$	17,380	\$ 246,263	\$ 277,050	\$ 184,081	\$ 92,969		\$
Systems Analysis		-0-	16,367	72,831	83,263	(10,432)		
Guideways		3,593	147,923	151,516	142,242	9,274		7,186
Brakes		275	32,376	62,420	52,685	9,735		
Stations		-0-	203,774	208,700	121,738	86,962		
Vehicles		4,475	190,289	244,343	244,343	-0-		
Trackside Equipment		870	273,801	275,817	210,528	65,289		
Control Systems		30,352	1,077,434	1,138,138	768,329	369,809		91,056
Monitoring Systems		2,359	15,234	17,593	18,507	(914)		4,718
Communication/CCTV		1,081	46,994	53,030	45,708	7,322		
Facilities		2,958	140,309	143,267	116,361	26,906		4,911
Service Equipment		2,767	56,655	73,093	59,105	13,988		
Safety/Reliability		-0-	31,505	57,724	71,474	(13,750)		
U/L Certification		-0-	9,028	9,028	18,536	(9,508)		
Testing		6,911	86,496	112,017	84,787	27,230		
Travel and Business		11,697	57,615	433,909	433,909	-0-		
Manuals		6,486	11,781	82,121	82,121	-0-		
Q.C. & Inspection		5,165	56,110	375,601	375,601	-0-		
Allocation to 'D'		-0-	-0-	-0-	(142,597)	142,597		
Premium Time		-0-	1,021	1,021	-0-	1,021		
TOTAL ENGINEERING	\$	<u>96,369</u>	\$ <u>2,700,975</u>	\$ <u>3,789,219</u>	\$ <u>2,970,721</u>	\$ <u>818,498</u>	91	\$ <u>107,871</u>
Vehicles	\$	91,177	\$ 908,677	\$ 971,616	\$ 1,092,913	\$ (121,297)		\$ 31,328
Allocation to 'D'		-0-	-0-	-0-	(26,558)	26,558		
TOTAL VEHICLE	\$	<u>91,177</u>	\$ <u>908,677</u>	\$ <u>971,616</u>	\$ <u>1,066,355</u>	\$ <u>(94,739)</u>	85	\$ <u>31,328</u>

HOUSTON WEDWAY
PROJECT FINANCE REPORT
DESIGN AND PRODUCTION
DETAIL

(Cont'd)

	FOR PERIOD (A)	COST TO DATE 1-31-81	COST FINAL COST	ESTIMATED BUDGET	VARIANCE	CTD --- BUDGET	VARIANCE FROM LAST MONTH
Track, Wireways & Switches	\$ 19,995	\$ 410,398	\$ 436,572	\$ 560,824	\$ (124,252)		\$ 14,915
Brakes	2,628	65,253	65,253	43,381	21,872		933
Motor Module Assy.	[695]	780,734	780,734	901,943	(121,209)		[695]
Elect. Trackside Equipment	17,071	102,152	139,291	70,273	69,018		25,984
TOTAL GUIDEWAYS, BEAMS AND SWITCHES	\$ 38,999	\$1,358,537	\$1,421,850	\$1,576,421	\$ (154,571)	86	\$ 41,157
Monitoring	\$ 10,966	\$ 133,374	\$ 235,320	\$ 147,532	\$ 87,788		\$ 18,877
Controls	53,412	1,099,508	1,186,381	1,279,865	(93,484)		[6,377]
Cables & Connectors	[7,479]	15,962	54,525	54,525	-0-		
Communications System	62,072	172,108	237,468	135,216	102,252		102,252
TOTAL CONTROLS AND COMMUNICATIONS	\$ 118,971	\$1,420,952	\$1,713,694	\$1,617,138	\$ 96,556	88	\$ 114,752
Station Module	\$ 820	\$ 422,318	\$ 426,800	\$ 284,092	\$ 142,708		\$
PLC Remote I/O	30,315	310,772	346,580	195,372	151,208		53,974
TOTAL STATION GATES	\$ 31,135	\$ 733,090	\$ 773,380	\$ 479,464	\$ 293,916	152	\$ 53,974
TOTAL SPARE PARTS AND TOOLS	\$ 89,717	\$ 214,316	\$ 352,703	\$ 301,753	\$ 50,950	71	\$ 50,974
TOTAL DESIGN AND PRODUCTION	\$ 485,948	\$7,830,842	\$9,562,916	\$8,477,118	\$1,085,798	92	\$ 400,032

(A) From 12/27/80 Thru 1/31/81

Prepared by: R. H. Carmen
2-18-81

DISTRIBUTION

Peter Alexander (2)
Brian Ashcraft
Steve Bills
Carl Bongirno
Paul Burri
Jeff Burton
Ron Carman
Eddie Carpenter
Ted Crowell
Roger Day
Bill Dennis
John Diefenbach
Norm Doerges
Bruce Dunford
Joanne Fernholz
Orlando Ferrante
Dick Fox
Bernard Freeth
Jim Griffing
Bill Hartman
Margaret Ann Heise
Craig Heller (2)
Phil Herley
Tim Hickman
Doug Houck
Don Hudson
Don Hughes
Linda Hwa
Mas Imai
Phil Jordan
Paul Komer (7)
Shirley Komoto
Arnold Lindberg
Hal McIntyre

Sue Mann
Don Martin
Phil Mazur (2)
Joseph McHugh
Bill Moss
Gene Mullinax
Kym Murphy
Jim Nagy
Paul Nylund
Evan Phillips
Lorin Phinney
Ben Prewitt
Randy Printz
Vicky Rath
George Rester
Mark Rhodes
Cecil Robinson
Fred Schwartz
Neil Sellers
Jack Shishido
Bob Smith
Bud Stacy
Frank Stanek
Doug Stapp
Bill Stockman
Bill Sullivan
Jim Thomas
Dirk Vanderlaan
Paul Weickert
Cheryl Williams
Jim Wolford
John Zovich